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Nomenclatural Studies Toward a World List of Diptera Genus-Group Names. Part V: Pierre-Justin-Marie Macquart

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Abstract

The Diptera genus-group names of Pierre-Justin-Marie Macquart are reviewed and annotated. A total of 399 available genus-group names in 69 families of Diptera are listed alphabetically, for each name giving author, year and page of original publication, originally included species, type species and method of fixation, current status of the name, family placement, and a list of any emendations of it that have been found in the literature. Remarks are given to clarify nomenclatural or taxonomic information. In addition, an index to all the species-group names of Diptera proposed by Macquart (3,611, of which 3,543 are available) is given with bibliographic reference (year and page) to each original citation.

The following type species are designated herein: *Agculocera nigra* Macquart, 1855 for *Onuxicera* Macquart, 1855, **present designation** [Tachinidae]; *Trixa imhoffi* Macquart, 1834, for *Semiomyia* Macquart, 1848, **present designation** [Tachinidae].

The following type species are designated herein with fixation under ICZN Code Art. 70.3.2: *Azelia nebulosa* Robineau-Desvoidy, 1830 for *Atomogaster* Macquart, 1835, **present designation** [Muscidae]; *Tachydromia vocatoria* Fallén, 1816 for *Chelipoda* Macquart, 1835, **present designation** [Empididae]; *Eriocera macquarti* Enderlein, 1912 for *Eriocera* Macquart, 1838, **present designation** [Limoniidae]; *Limosina acutangula* Zetterstedt, 1847 for *Heteroptera* Macquart, 1835, **present designation** [Sphaeroceridae]; *Phryxe pavoniae* Robineau-Desvoidy, 1830 for *Masicera* Macquart, 1834, **present designation** [Tachinidae]; *Pachymyia macquartii* Townsend, 1916 for *Pachymyia* Macquart, 1844, **present designation** [Tachinidae].

Earlier valid subsequent type-species designations have been found in this study for the following: *Anisophysa* Macquart, 1835 [Sepsidae]; *Diphysa* Macquart, 1838 [Stratiomyidae]; *Pachyrhina* Macquart, 1834 [Tipulidae]; *Silbomyia* Macquart, 1844 [Calliphoridae].

One name is raised from synonymy: *Czernyola* Bezzi, 1907, **n. stat.** [Clusiidae].

Names previously treated as available but found in this work to be unavailable include the following: Genus-group names—*Anodontina* Macquart, 1838, **n. stat.** [Empididae]; *Athricia* Macquart, 1834, **n. stat.** [Tachinidae]; *Blepharis* Macquart, 1838, **n. stat.** [Asilidae]; *Dichelocera* Enderlein, 1922, **n. stat.** [Tabanidae]; *Lepidoselaga* Loew, 1869, **n. stat.** [Tabanidae]; *Lemptopeza* Macquart, 1828, **n. stat.** [Hybotidae]; *Microphora* Zetterstedt, 1842, **n. stat.** [Dolichopodidae]; *Microphorus* Macquart, 1834, **n. stat.** [Dolichopodidae]; *Plagiocephala* Macquart, 1844, **n. stat.** [Ulidiidae]; *Stratiomyia* Macquart, 1838, **n. stat.** [Stratiomyidae]; *Taenioptera* Agassiz, 1846, **n. stat.** [Micropezidae]; *Tapigaster* Bezzi, 1923, **n. stat.** [Heleomyzidae]; *Trizota* Macquart, 1829, **n. stat.** [Syrphidae]. Species-group names—*Microstylum sinense* Macquart, 1838, **n. stat.** [Asilidae].

Corrected or clarified included species and/or corrected or clarified type-species and methods of typification are given for: *Anabarhynchus* Macquart, 1848 [Therevidae]; *Anacanthella* Macquart, 1855 [Stratiomyidae]; *Apeilesis* Macquart,

1846 [Tipulidae]; *Aplomera* Macquart, 1838 [Empididae]; *Aprotheca* Macquart, 1851 [Tachinidae]; *Ardoptera* Macquart, 1828 [Empididae]; *Blepharella* Macquart, 1851 [Tachinidae]; *Brachystylum* Macquart, 1855 [Tachinidae]; *Cadicera* Macquart, 1855 [Tabanidae]; *Calobatomyia* Macquart, 1855 [Calliphoridae]; *Catapicephala* Macquart, 1851 [Calliphoridae]; *Ceroptera* Macquart, 1835 [Sphaeroceridae]; *Cheligaster* Macquart, 1835 [Sepsidae]; *Chetogaster* Macquart, 1851 [Tachinidae]; *Chlorogaster* Macquart, 1851 [Tachinidae]; *Cleitamia* Macquart, 1835 [Platystomatidae]; *Craspedia* Macquart, 1838 [Asilidae]; *Craspedochaeta* Macquart, 1851 [Anthomyiidae]; *Crumomyia* Macquart, 1835 [Sphaeroceridae]; *Dasyomma* Macquart, 1840 [Athericidae]; *Demoticus* Macquart, 1854 [Tachinidae]; *Epicerella* Macquart, 1851 [Pyrgotidae]; *Epicerina* Macquart, 1850 [Acroceridae]; *Euprosopia* Macquart, 1847 [Platystomatidae]; *Grapholostylum* Macquart, 1851 [Tachinidae]; *Graphomyzina* Macquart, 1835 [Sciomyzidae]; *Gymnostylina* Macquart, 1835 [Tachinidae]; *Heterometopia* Macquart, 1846 [Tachinidae]; *Laxenecera* Macquart, 1838 [Asilidae]; *Leptomyza* Macquart, 1835 [Anthomyzidae]; *Megistogaster* Macquart, 1851 [Tachinidae]; *Microtrichodes* Macquart, 1846 [Tachinidae]; *Microtropesa* Macquart, 1846 [Tachinidae]; *Ogcodocera* Macquart, 1840 [Bombyliidae]; *Omuxicera* Macquart, 1855 [Tachinidae]; *Ozodicera* Macquart, 1834 [Tipulidae]; *Pachymerina* Macquart, 1834 [Empididae]; *Pachyrrhina* Macquart, 1834 [Tipulidae]; *Pachystylum* Macquart, 1848 [Tachinidae]; *Physegaster* Macquart, 1847 [Acroceridae]; *Plesionevra* Macquart, 1855 [Tachinidae]; *Rhopalia* Macquart, 1838 [Mydidae]; *Semiomyia* Macquart, 1848 [Tachinidae]; *Senostoma* Macquart, 1847 [Tachinidae]; *Silbomyia* Macquart, 1844 [Calliphoridae]; *Sumpigaster* Macquart, 1855 [Tachinidae]; *Tapinocera* Macquart, 1838 [Apioceridae]; *Teretrophora* Macquart, 1851 [Tachinidae]; *Toxocnemis* Macquart, 1855 [Tachinidae]; *Toxotarsus* Macquart, 1851 [Calliphoridae]; *Trichostylum* Macquart, 1851 [Tachinidae]; *Trigonometopus* Macquart, 1835 [Lauxaniidae]; *Tritaxys* Macquart, 1847 [Tachinidae]; *Vermileo* Macquart, 1834 [Vermileonidae].

Acting as **First Reviser**, the following correct original spellings for multiple original spellings are selected by us—(for genus-group names): *Choeteprosopa* Macquart, 1851 [Tachinidae]; *Dichoetometopia* Macquart, 1855 [Sarcophagidae]; *Discocerina* Macquart, 1835 [Ephydriidae]; *Dolichocephala* Macquart, 1823 [Empididae]; *Dolichomerus* Macquart, 1850 [Syrphidae]; *Graphalostylum* Macquart, 1851 [Tachinidae]; *Hemilampra* Macquart, 1850 [Syrphidae]; *Leptomyza* Macquart, 1835 [Anthomyzidae]; *Microcheilosia* Macquart, 1855 [Tachinidae]; *Phrissopodia* Macquart, 1835 [Sarcophagidae]; *Platytainia* Macquart, 1851 [Tachinidae]; *Polychaeta* Macquart, 1851 [Tachinidae]; *Stachynia* Macquart, 1835 [Conopidae]—(for species-group names): *Cadicera rubramarginata* Macquart, 1855 [Tabanidae].

Previous First Reviser actions for multiple original spellings that were missed by other workers are given for the following: *Amethysa* Macquart, 1835 [Ulidiidae]; *Anabarhynchus* Macquart, 1848 [Therevidae]; *Anacanthella* Macquart, 1855 [Stratiomyidae]; *Aulacigaster* Macquart, 1835 [Aulacigastridae]; *Cardiacera* Macquart, 1847 [Pyrgotidae]; *Comptosia* Macquart, 1840 [Bombyliidae]; *Craspedia* Macquart, 1838 [Asilidae]; *Cyclorhynchus* Macquart, 1840 [Bombyliidae]; *Ectinorhynchus* Macquart, 1850 [Therevidae]; *Euthinevra* Macquart, 1836 [Hybotidae]; *Gonistylum* Macquart, 1851 [Tachinidae]; *Heterostylum* Macquart, 1848 [Bombyliidae]; *Hoplistomera* Macquart, 1838 [Asilidae]; *Hystricephala* Macquart, 1846 [Tachinidae]; *Leptoxyda* Macquart, 1835 [Tephritidae]; *Nemopalpus* Macquart, 1838 [Psychodidae]; *Senotainia* Macquart, 1846 [Sarcophagidae]; *Spilogaster* Macquart, 1835 [Muscidae]; *Spogostylum* Macquart, 1840 [Bombyliidae]; *Stachynia* Macquart, 1835 [Conopidae].

Invoking ICZN Code Article 33.3.1, the following is here considered a correct original spelling by being in **prevailing usage**: *Leptopeza* Macquart, 1828 [Empididae].

Reversal of Precedence (ICZN Code Article 23.9) is invoked to promote stability in nomenclature for the following cases of subjective synonymy: *Atherigona* Rondani, 1856, **nomen protectum** and *Orthostylum* Macquart, 1851, **nomen oblitum** [in Muscidae]; *Clusiodes* Coquillett, 1904, **nomen protectum** and *Heteronevra* Macquart, 1835, **nomen oblitum** [in Clusiidae]; *Senotainia* Macquart, 1846, **nomen protectum** and *Megoera* Macquart, 1834, **nomen oblitum** [in Sarcophagidae].

The following genus-group names, not listed in current regional catalogs, are treated here: *Diasema* Macquart, 1835 [Chloropidae]; *Dichromyia* Macquart, 1844 [Heleomyzidae]; *Elomyia* Macquart, 1834 [Tachinidae]; *Eriosoma* Macquart, 1838 [Acroceridae]; *Eurypalpus* Macquart, 1835 [Platystomatidae]; *Notacanthina* Macquart, 1835 [Ephydriidae]; *Pleurocerina* Macquart, 1851 [Conopidae]; *Pteropexis* Macquart, 1846 [Acroceridae]; *Semiomyia* Macquart, 1848 [Tachinidae]; *Teremyia* Macquart, 1835 [Lonchaeidae].

The following names are new synonymies of their respective senior synonyms:—genus-group names: *Acemyia* Macquart, 1834 of *Acemya* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Acrochoeta* Macquart, 1835 of *Acrochaeta* Wiedemann, 1830, **n. syn.** [Stratiomyidae]; *Atractea* Agassiz, 1846 of *Atractia* Macquart, 1838, **n. syn.** [Asilidae]; *Aulacocephala* Brauer, 1863 of *Aulacephala* Macquart, 1851, **n. syn.** [Tachinidae]; *Beckeriella* Williston, 1897 of *Notacanthina* Macquart, 1834, **n. syn.** [Ephydriidae]; *Caenosia* Macquart, 1835 of *Coenosia* Meigen, 1826, **n. syn.** [Muscidae]; *Ceromyia* Macquart, 1834 of *Ceromya* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Chiromysa* Macquart, 1835 of *Chiromyza* Wiedemann, 1820, **n. syn.** [Stratiomyidae]; *Chrisochlora* Macquart, 1835 of *Chrysochlora* Latreille, 1829, **n. syn.** [Stratiomyidae]; *Chrysopyla* Macquart, 1840 of *Chrysopilus* Macquart, 1826, **n. syn.** [Rhagionidae]; *Cleigaster* Macquart, 1844 of *Cleigastrea* Macquart, 1835, **n. syn.** [Scathophagidae]; *Clyto* Macquart, 1835 of *Clytho* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Cordylura* Macquart, 1835 of *Cordilura* Fallén, 1810, **n. syn.** [Scathophagidae]; *Craspedochaeta* Marschall, 1873 of *Anthomyia* Meigen, 1803, **n. syn.** [Anthomyiidae]; *Cyrtonevra* Agassiz, 1846 of *Graphomya* Robineau-Desvoidy, 1830, **n. syn.** [Muscidae]; *Diaphora* Macquart, 1834 of *Diaphorus* Meigen, 1824, **n. syn.**

[Dolichopodidae]; *Dichoeta* Macquart, 1835 of *Dichaeta* Meigen, 1830, **n. syn.** [Ephydriidae]; *Dichromyia* Macquart, 1844 of *Dichromyia* Robineau-Desvoidy, 1830, **n. syn.** [Heleomyzidae]; *Diphysa* Macquart, 1838 of *Archistratiomys* Enderlein, 1913, **n. syn.** [Stratiomyidae]; *Echinomyia* Fischer von Waldheim, 1808 of *Tachina* Meigen, 1803, **n. syn.** [Tachinidae]; *Egina* Macquart, 1835 of *Eginia* Robineau-Desvoidy, 1830, **n. syn.** [Muscidae]; *Hematobia* Macquart, 1850 of *Haematobia* Le Peletier & Audinet-Serville, 1828, **n. syn.** [Muscidae]; *Hemerodromyia* Macquart, 1823 of *Hemerodromia* Meigen, 1822, **n. syn.** [Empididae]; *Heteronevra* Macquart, 1835 of *Clusiodes* Coquillett, 1904, **n. syn.** [Clusiidae]; *Himastima* Agassiz, 1846 of *Mallota* Meigen, 1822, **n. syn.** [Syrphidae]; *Hoematopota* Macquart, 1826 of *Haematopota* Meigen, 1803, **n. syn.** [Tabanidae]; *Homalocephala* Agassiz, 1846 of *Setellia* Robineau-Desvoidy, 1830, **n. syn.** [Sciomyzidae]; *Hydrotoea* Macquart, 1844 of *Hydrotaea* Robineau-Desvoidy, 1830, **n. syn.** [Muscidae]; *Linnemyia* Macquart, 1834 of *Linnaemyia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Lonchoea* Macquart, 1835 of *Lonchaea* Fallén, 1820b, **n. syn.** [Lonchaeidae]; *Macromyia* Macquart, 1835 of *Macromyia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Megarhina* Macquart, 1838 of *Lynchiella* Lahille, 1904, **n. syn.** [Culicidae]; *Meriana* Macquart, 1835 of *Panzeria* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Microphorus* Lundbeck, 1907 of *Microphor* Macquart, 1834, **n. syn.** [Dolichopodidae]; *Nemoroëa* Macquart, 1844 of *Nemoroëa* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Ochthiphila* Macquart, 1850 of *Chamaemyia* Meigen, 1803, **n. syn.** [Chamaemyiidae]; *Ocydromyia* Macquart, 1823 of *Ocydromia* Meigen, 1820, **n. syn.** [Hybotidae]; *Oliviera* Macquart, 1835 of *Eriothrix* Meigen, 1803, **n. syn.** [Tachinidae]; *Ophilia* Macquart, 1850 of *Metopia* Meigen, 1803, **n. syn.** [Sarcophagidae]; *Ornithomyia* Fischer von Waldheim, 1808 of *Ornithomyia* Latreille, 1802, **n. syn.** [Hippoboscidae]; *Orthochile* Westwood, 1840 of *Ortochile* Latreille, 1809, **n. syn.** [Dolichopodidae]; *Osmoea* Macquart, 1834 of *Triarthria* Stephens, 1829, **n. syn.** [Tachinidae]; *Pachyrrhina* Osten Sacken, 1878 of *Pachyrhina* Macquart, 1834, **n. syn.** [Tipulidae]; *Palis* Macquart, 1850 of *Pales* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Phanemia* Macquart, 1835 of *Clairvillia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Phrissopoda* Macquart, 1851 of *Peckia* Robineau-Desvoidy, 1830, **n. syn.** [Sarcophagidae]; *Phyllomyia* Macquart, 1834 of *Phyllomyia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Physogenia* Loew, 1862 of *Physegenia* Macquart, 1848, **n. syn.** [Lauxaniidae]; *Physogenia* Giglio-Tos, 1895 of *Physegenia* Macquart, 1848, **n. syn.** [Lauxaniidae]; *Phytomiza* Macquart, 1835 of *Phytomyza* Fallén, 1810, **n. syn.** [Agromyzidae]; *Platipalpus* Macquart, 1850 of *Platypalpus* Macquart, 1828, **n. syn.** [Hybotidae]; *Platipeza* Macquart, 1850 of *Platypeza* Meigen, 1803, **n. syn.** [Platypezidae]; *Platynochaetus* Macquart, 1834 of *Platynochaetus* Wiedemann, 1830 [Syrphidae]; *Porphirops* Macquart, 1838 of *Porphyrops* Meigen, 1824, **n. syn.** [Dolichopodidae]; *Rhinomyia* Macquart, 1835 of *Rhinomyia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Rhynomyia* Macquart, 1834 of *Rhinomyia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Scathopse* Guérin-Ménéville, 1839 of *Scatopse* Geoffroy, 1762, **n. syn.** [Scatopsidae]; *Spherophoria* Macquart, 1850 of *Sphaerophoria* Le Peletier & Audinet-Serville, 1828, **n. syn.** [Syrphidae]; *Sphoerophoria* Macquart, 1829 of *Sphaerophoria* Le Peletier & Audinet-Serville, 1828, **n. syn.** [Syrphidae]; *Stenopteryx* Schiner, 1864 of *Stenepeteryx* Leach, 1817, **n. syn.** [Hippoboscidae]; *Stenostoma* Mik, 1890 of *Senostoma* Macquart, 1847, **n. syn.** [Tachinidae]; *Tachydromyia* Macquart, 1823 of *Tachydromia* Meigen, 1803, **n. syn.** [Hybotidae]; *Taenioptera* Mik, 1898 of *Taeniptera* Macquart, 1835, **n. syn.** [Micropezidae]; *Trinevra* Macquart, 1835 of *Phora* Latreille, 1797, **n. syn.** [Phoridae]; *Uramyia* Macquart, 1844 of *Uramyia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Xestomyia* Macquart, 1851 of *Xestomyia* Wiedemann, 1820, **n. syn.** [Therevidae]; *Zygonevra* Macquart, 1834 of *Zygoneura* Meigen, 1803, **n. syn.** [Sciaridae]. —Species-group names: *Calobatemyia nigra* Macquart, 1855 of *Musca daronici* Scopoli, 1763, **n. syn.** [Calliphoridae]; *Cyrtonevra protorum* Macquart, 1850 of *Musca pratorum* Meigen, 1826, **n. syn.** [Muscidae]; *Eumerus oeneus* Macquart, 1850 of *Eumerus aeneus* Macquart, 1829, **n. syn.** [Syrphidae]; *Lucilia ceserion* Macquart, 1850 of *Musca caesarion* Scharfenberg, 1805, **n. syn.** [Calliphoridae]; *Masicera sylvatica* Macquart, 1850 of *Tachina sylvatica* Fallén, 1810, **n. syn.** [Tachinidae]; *Ophyra anolis* Macquart, 1850 of *Ophyra analis* Macquart, 1846, **n. syn.** [Muscidae]; *Pegomyia hyoscyami* Macquart, 1850 of *Musca hyoscyami* Panzer, 1798, **n. syn.** [Anthomyiidae]; *Prosenia syberita* Macquart, 1850 of *Stomoxys siberita* Fabricius, 1775, **n. syn.** [Tachinidae]; *Taxigramma heteronevra* Macquart, 1850 of *Miltogramma heteroneura* Meigen, 1830, **n. syn.** [Sarcophagidae].

Introduction

Pierre-Justin-Marie Macquart (1778–1855) (Fig. 1) was without doubt one of France's greatest dipterists and, as a contemporary of other great European dipterists such as P.A. Latreille, J.W. Meigen, C.F. Fallén, J.W. Zetterstedt, C.R.W. Wiedemann, H. Loew, and A.-J.-B. Robineau-Desvoidy, studied dipterology at a time when great strides were being made in describing large numbers of new species from the collections amassed by major European museums during voyages of exploration around the world. Macquart authored over 50 works describing new Diptera from 1823 to 1856. During that 34-year period he proposed more than 3,500 new species-group names and 399 available new genus-group names. He is probably best known for three large works: (1) the five-volume *Insectes diptères du Nord de la France* (published from 1823 to 1834); (2) the two-volume *Histoire naturelle des insectes. Diptères* (published from 1834 to 1835); and (3) the two volumes and five supplements of his *Diptères*

exotiques nouveaux ou peu connus (published from 1838 to 1855). Lesser known were his works on insects associated with plants, which was an avid interest of his before he began his taxonomic work. In the later years of his career, he published four tomes on this subject: the single-volume entitled *Les arbres et arbrisseaux d'Europe et leurs insectes* (published in 1852) and the three-volume *Les plantes herbacées d'Europe et leurs insectes pour faire suite aux arbres et arbrisseaux d'Europe et leurs insectes* (published from 1854 to 1856, the last posthumously). These volumes contain new species-group names in Diptera proposed by Macquart as well as listings of species-group names that predate subsequent publication by others.

In this study, we review all genus-group names (available and unavailable) that Macquart proposed. Genus-group entries are presented alphabetically and list all originally included species, type species, current status, and the emendations that we have been able to locate. A list of all species-group names of Diptera proposed by Macquart is also given with date and page combinations that link to the original publication of these nominal species in his bibliography. Additionally, a full bibliography of all written works by Macquart is given in Appendix II.



FIGURE 1. Portrait of P.-J.-M. Macquart (from Wikimedia commons).

FIGURE 2. Macquart signature from 17 January 1836 letter to J.O. Westwood. Courtesy Oxford University Museum of Natural History archives.

Biography¹

Background

Pierre-Justin-Marie Macquart² was born 8 April 1778 in Hazebrouck in northern France to Henri-Félix Macquart and Marie-Anne-Josèphe Schoonheere (Schonhur). He was the youngest of three brothers: Philippe-Henri-Joseph, the oldest, was born in 1774; Nicolas-Louis-Joseph was born in 1775. The Macquart family name comprised well-known nobility in northern France and they could trace their lineage back as far as 1272 with the first title of nobility given to one Raoul Macquart in 1317 by King Philippe le Long (Philip the Tall) for “les services importants qu’il rendit à son pays” (Giclais 1891). One of Macquart’s direct forebears, Philippe Macquart [II], the Duke of Lorraine, in 1456 married Jeanne Lys, the daughter of Pierre d’Arc and niece of Joan of Arc (Giclais 1891). Macquart’s father was Lord of Caudécure, Ophoven, Terlin, and other areas (the lordships having been passed down by father and grandfather) (Van Dyke 1851), and he held municipal posts in the city of Lille including Alderman, Notary, and member of the Court of Labor. Although many of the lordships of his father passed to his older brother Philippe, our Macquart was of independent means throughout his life, living quite satisfactorily off of an annuity and, after his marriage, inheriting some of the possessions of his spouse’s family nobility in the area. Macquart eventually acquired the lordship of Caudécure after Philippe’s death in 1822, which he could then pass to his heir.

Although now a bustling rail connection about 64 km northwest of Lille, Hazebrouck was, at the time of Macquart’s birth and childhood, a small market village in the Département du Nord. Macquart’s father, mother, and

1. Much of the data in this biography derives from the following sources: Macquart (1850c), Giclais (1891), and Pont (1996).
2. Macquart abandoned the use of his first given name “Pierre” in his writings and in his signature (both of which merely contained the initial “J” for “Justin”; e.g., see Fig. 2). The uncertainty discussed by Crosskey (1971) as to what actually were his Christian names is clearly resolved by the various studies of French nobility, their genealogy, and heraldry, all of which give his full name at birth as “Pierre-Justin-Marie” (e.g., see details in the genealogy of the Macquart family by Macquart’s grandson, Paul Magon de la Giclais (1891)). The use by others of “Jean” as his first name seems to have originated in Cuvier (1830: 388) and was subsequently perpetuated in the entomological bibliography by Percheron (1836: 266), but its use is undoubtedly an error and is treated here as such.

brothers lived in a country manor there that Macquart's father acquired from the parents of his spouse³ after their marriage in Hazebrouck in 1773.

Macquart's older brother Philippe was an ornithologist and, upon his death at the age of 48, bequeathed his collection to the Musée d'Histoire Naturelle de la ville de Lille, of which our Macquart was the founder and director for many years. Macquart's other brother, Nicolas, was interested in botany and had a botanical garden of more than 3,000 species of plants. Macquart and his brothers all acquired their love of nature from their father, an amateur naturalist; and despite never having attended university or acquired any formal academic degree, Macquart was held in high esteem by virtually all of his colleagues for his proficient entomological observations and publications. Macquart easily made friends and colleagues in entomology and learned a great deal from them, as well as from his extensive library⁴. Macquart was an extremely humble man and never professed to be anything more than an "interested naturalist":

"Je ne devrais cependant pas y prétendre, n'ayant à mentionner ni voyages (ce n'est pas voyager que de parcourir une partie de la France et des pays circonvoisins), ni événements considérables, ni observations importantes; mais je crois utile de montrer combien l'étude de l'histoire naturelle m'a procuré de jouissances, afin d'en faire naître l'attrait aux autres comme il m'a été inspiré à moi-même." [However, I should not lay claim to it, not being able to mention either journeys (which only involved travelling around one part of France and of the neighboring countries), or significant events, or important observations; but I believe that it will be useful to show how much the study of natural history has given me pleasure, and will lead to the encouragement of others as it was inspired also for me.] (Macquart 1849c: v).

Military years

The French Revolution in 1789 led to dramatic changes in the life and lifestyle of Macquart and his family. The country estate in Hazebrouck in which he and his brothers were brought up was eventually taken away from his family and, because a new government of citizenry in Lille was making new municipal appointments, his father was essentially forced into retirement.

Our Macquart entered the military in 1798 during the French Revolutionary Wars through the massive conscription that Napoleon had implemented. He joined the army of the Rhine to serve initially in the 3rd battalion of sappers; however, he was soon dispatched from that duty to serve as secretary and surveyor to General Armand Samuel de Marescot (later Marquis de Marescot), the Commander in Chief of Engineering for the Rhine Army. Marescot was, at various times during his illustrious military career, general of the Brigade (1794), commander of the army of engineers of France (1798), governor of Mainz (1799), inspector-general (1800), and was finally made a Count of the Empire by Napoleon (1804). The almost two years that Macquart served in the military under Marescot (1798–1800) afforded him much travel throughout France and neighboring countries. And by traveling within the relative safety provided by the engineers he was able to enjoy the luxury of seeing areas and lands outside of his home in northern France, which harbored a bounty of plant and insect life that caught his attention.

However, his relatively 'safe' duty as an engineer in the military did not shelter him from witnessing the horrors of war, which he abhorred and which disgusted him for many years afterwards. Upon joining the army in Mannheim on the Rhine, Macquart saw the German towns of Schwetzingen, Heidelberg, and Philippsburg, the last in flames when he arrived and where he was emotionally affected by the cries of pain of its inhabitants; he pitied the orphans and the widows of the war and its "*glorieuses tueries*" [glorious killings] as he sarcastically referred to

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3. Macquart's mother's family, the Schoonheeres, had lived in Hazebrouck for many years and are today still prominent residents.
 4. In his guide to Lille, Bruneel (1850: 187–188) gave a brief description of the holdings of Macquart's library, which included such classical authors as Pliny and Aristotle; pre-Linnaean naturalists such as Aldrovandus, Réaumur, Swammerdam, Goedart; along with more contemporary (i.e., 18th and 19th century) works of Linnaeus, Fabricius, Illiger, Cuvier, Latreille, Olivier, Lamarck, Kirby, Gravenhorst, Schoenherr, Meigen, Fallén, Wiedemann, Blainville, Robineau-Desvoidy, Walckenaer, Gyllenhal, Audouin, Milne-Edwards, Dejean, Lacépède, Le Peletier, Clairville, Coquebert, Savigny, Spinola, Westwood, Dufour, Boisduval, Percheron, etc., and summarized its merit by noting how foreign scholars visited Lille to use it: "*On peut juger par ce simple aperçu, si la bibliothèque de M. Macquart mérite réellement d'attirer l'attention des savants étrangers qui visitent notre ville.*"

them (Macquart 1849c: vi). The army moved on to Mainz, and then on to Switzerland in September 1799, where the Russians had just taken over from the Austrians to make a stand against the French at Zürich. Macquart knew that Switzerland was the home of the great naturalist Gessner and he was an admirer of this man and his country. The army made their headquarters at the small village of Aarau, situated a safe 40-km distance outside the embattled Zürich. From this hub of operations, Macquart climbed various nearby peaks and made trips to see various ancient sights including the ruins of the castle of Hapsburg, but he also collected insects and plants, pressing the latter inside his German dictionary. When the army eventually moved into Zürich, Macquart made a special trip to the house of Lavater on Lake Zürich to see the monument to Gessner.

Soon after the French army defeated the Russians at the second battle of Zürich and gained control of Switzerland, Macquart's detachment was ordered to move to Strasbourg. Macquart made the most of the slow trip back across the border, enjoying a stay in Basel with a family friend and thoroughly relishing the Black Forest and its plants and animals. However, the pleasures of traveling in Switzerland and southern Germany during those next few months were interrupted by bad news: his mother had passed away on 9 March 1800. So, after eighteen months away, he was discharged and returned to Lille in 1800 to comfort his widowed father, packing for the trip home not only the many German books he had acquired, but also the numerous plants, insects, and birds that he had collected during his 'military service'.

Life in northern France

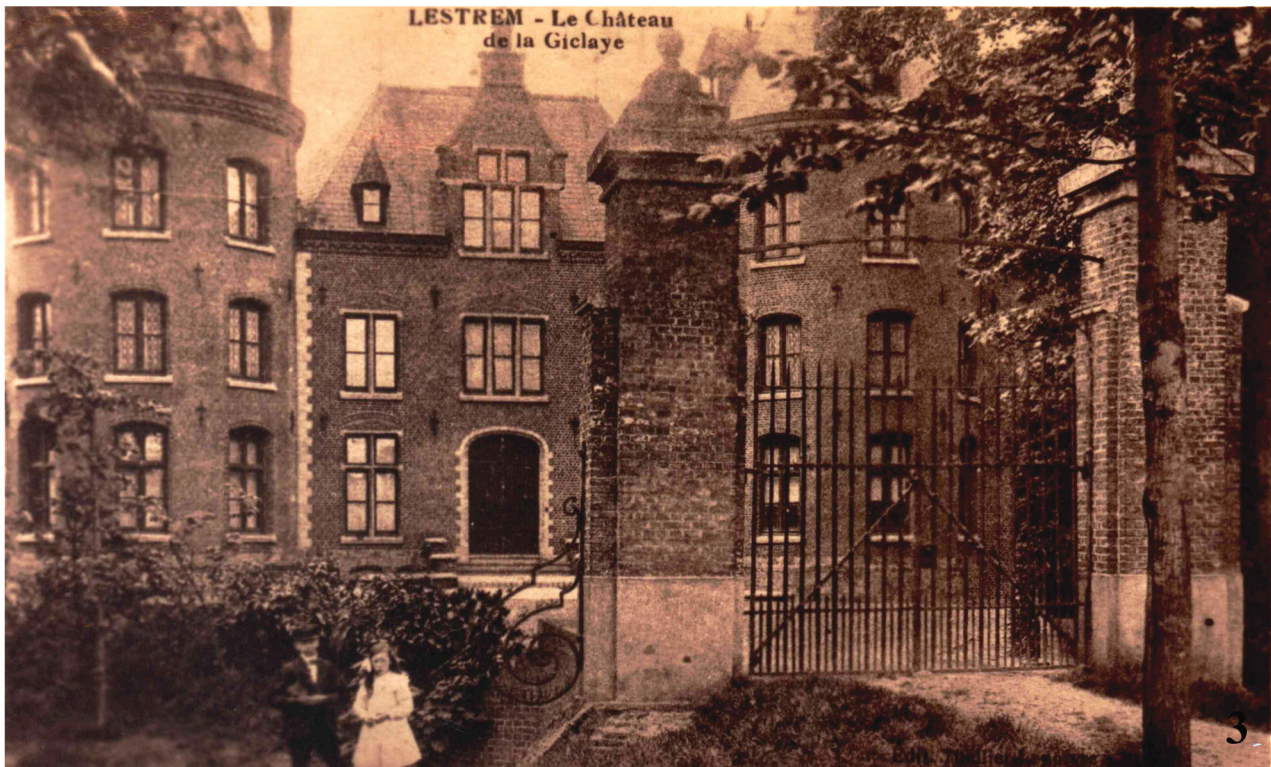
The lands and manors having recently been returned to his family by a court order, Macquart stayed with his father in Hazebrouck and continued his fervent interest in nature. His life now began to take on a semblance of order as, during the "*belle saison*" [beautiful season] (= spring and summer), he would stay in the family's country home in Hazebrouck and study the horticulture, entomology, botany, and conchology of the area, including traveling to nearby Dunkirk where he made collections and observations of flies inhabiting the shores. And during the colder winter months, he would concentrate his activities in Lille, where the various societies of which he was a member opened their doors to him and allowed him to consult their libraries and organize and classify his collections.

Meeting the various scientists in Lille afforded Macquart the collegiality he needed to help him with his natural history observations. It also allowed him access to further travel experiences. Soon after returning to France from his military service, Macquart was once again on the road, this time visiting Paris to meet Pierre-André Latreille (1762–1833), to whom he showed his collections and who gave him welcome encouragement to continue the pursuit of his entomological studies.

He traveled to Holland to follow in the footsteps of Linnaeus, but also to see the places associated with other famous naturalists such as Swammerdam, De Geer, Boerhaave, and Merian. While there he went to Schiedam to observe the livestock in the area; to Utrecht to see the heath of the surrounding area; to Brouck to see the orchards; and to Maastricht where he saw the famous fossil mosasaur bones, discovered in 1764.

But Macquart's wandering life would soon come to an end. In October 1810, he married Marie-Louise-Julie Aronio de Fontenelle and settled in the castle in Lestrem that belonged to his wife's father, Louis-Robert Aronio, Lord of Fontenelle. As Macquart (1849c: xviii) wrote concerning his marriage and resulting family life: "*ma vie un peu errante se fixa par un heureux mariage, suivi d'une heureuse et nombreuse paternité*" [my rather peripatetic life was settled by a happy marriage followed by a happy and numerous fatherhood]. Happy fatherhood indeed! Macquart had seven children, all girls except for the fourth child, Hippolyte-Adrien-Henri Macquart (1815–1850). Hippolyte, who eventually grew up to become mayor of Sacin in Saint-Pol, added the title of "de Caudécure" that had been passed from Macquart's father to Macquart and now on to his son. However, the title ended there as Hippolyte produced no heirs.

Living in Lestrem, not far from Hazebrouck and about the same distance from Lille as Hazebrouck, Macquart zealously continued his research on Diptera systematics as well as his study of the insect pests of plants. His new home in Lestrem, the Château de Lestrem (see Figs. 3 and 4), was a 14th century castle that passed from noble to noble and eventually landed in the possession of Macquart's father-in-law, who gave it as a wedding present to Macquart for him and his wife to enjoy. The castle was on the River Lawe, a tributary of the River Lys. The grounds had extensive gardens and a rich assortment of flowers, trees and other plants that allowed Macquart to focus once again his observations on insects and plants during the summer months (including the rearing of insects



FIGURES 3–4. Photographs of Macquart’s Château de Lestrem, taken about 1892. 3. Front view. 4. Rear view, showing conservatory at right. Photos from personal collection of Adrian Pont.

from their plant hosts); while during the winter he would stay in Lille where he worked on the collections belonging to the Société des Sciences d’Agriculture et des Arts de Lille (and later on those of the Muséum d’Histoire Naturelle⁵). Château de Lestrem eventually passed down to Macquart’s grandson, Paul Magon de la Giclais, who wrote the genealogy of the family Macquart (Giclais 1891). The castle was called Château de la

Giclais during World War I when, toward the close of the war it, along with most of the town of Lestrem, was destroyed by the German army. Only vestiges of a moat now remain where the castle once stood.

Early Diptera works

In September 1802, Macquart became a founding member of the Société d'Amateurs des Sciences et des Arts de la ville de Lille (which later became the Société des Sciences, d'Agriculture et des Arts de Lille) and was one of its most active members throughout his life, including its president for many years. Up until his death in November 1855, he was simply listed in the society's membership rolls as "propriétaire" (land owner).

He published his first paper in the society's pages in 1807, dealing with a difference of opinion concerning a study by some Italian entomologists on Orthoptera (Macquart 1807). A few years later, as part of a competition, the Société d'Agriculture, Sciences et Arts de Douai issued a question regarding plantations in the Département du Nord and Macquart took the opportunity to write an article about it, which was published (Macquart 1811).

Macquart loved entomology and at first wanted to work on all the orders, attempting to identify what he collected in northern France⁶. But he soon found this an inadequate and frustrating pursuit since many specimens in his collection remained without names. It was the excellent works on European Diptera by the German Johann Wilhelm Meigen⁷ (1764–1845) that convinced him that Diptera was the order in which to specialize. Quite possibly he thought that he could be a leader in French dipterology much the same as Meigen was in German dipterology. Thus he began to work on his collections and to compare his specimens with Meigen's species. He looked at the wings as having the characters necessary for distinguishing the many varieties.

A thoughtful and methodical worker, Macquart did not publish often, but when he did the results were large, seminal works, encompassing all known Diptera that he had collected himself in the field or that he had studied in museums and personal collections. During the early 1820s, Macquart slowly organized his collections of Diptera and described the new taxa in a planned series of papers accompanied by his own illustrations. The first of these series was restricted to the forms of Diptera he found near his places of residence in the Département du Nord. These papers would form the series *Insectes diptères du Nord de la France*. Six parts were published⁸ totaling 956 pages, in which 251 new species and 36 new genera were described.

Macquart's publications received positive reviews and his new forms of classification were followed by others. Moreover, his visit to Paris to meet Latreille was extremely useful as it allowed him to meet such luminaries of the time as Blainville, Cuvier, Férussac, Brullé, Geoffroy, Le Peletier, and Castlenau, among others. In turn, their acquaintances and their knowledge of other collections presented Macquart with a large number of undetermined specimens and many new taxa from areas other than Europe.

Near the end of his career, Latreille took up a project for a special work on the Diptera in which a number of entomologists would gather their knowledge together into one work, a natural history of Diptera. Unfortunately, ill health and his eventual death in 1833 caused the project to come to a halt. Another publisher (Roret) took over and the project was changed and expanded with Macquart as sole author. This became the two-volume *Histoire naturelle des insectes. Diptères* in Roret's *Nouvelles Suites à Buffon* series. In it Macquart synthesized all that was known at the time and this involved him having to compare his specimens with the recently published descriptions of new Diptera by Robineau-Desvoidy (1830) in which thousands of new taxa were described, many of them on nebulous grounds and following a system of classification that differed from his own. The two volumes of the *Histoire naturelle* comprise a total of 1,288 pages; with 443 species-group and 126 genus-group names proposed as new.

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5. Macquart not only pursued entomological studies in Lestrem but was a public figure there. On 18 October 1817 he was elected mayor of Lestrem by the prefect and remained in this post until he resigned his duties on 29 March 1852.
 6. Macquart's use of "Nord de la France" can be interpreted as referring to either his native Département du Nord or the northern part of France. We are here following the former interpretation.
 7. By the time Macquart published his first paper in 1823, Meigen had already published three of his seven volumes on European Diptera (1818, 1820, 1822) as well as his classification of European Diptera (1804).
 8. The first paper was published (Macquart 1823; on empidids) with a slightly different title from the rest and as such is often not included as a formal member of the series. A revised version of the 1823 paper appeared in the separate version of the third volume in the series.

Work on the Diptères Exotiques

Macquart's reputation based on the *Histoire naturelle* continued to increase and at the same time his application to contribute Diptera entries for the *Encyclopédie du dix-neuvième siècle* was approved. He ended up contributing more than 30 entries on Diptera families and genera to the encyclopedia (as well as the main entry on "Diptères"). Additional entries on Diptera by others (such as Desmarest and Duponchel) often used the classification and family and generic concepts of Macquart in his *Histoire naturelle* as their major reference source.

More importantly, the Muséum d'Histoire Naturelle in Paris realized that there was a well-respected specialist on Diptera nearby and wanted him to study their material and publish on its exotic (= non-French) species⁹. This work on the exotic Diptera was to be his most ambitious project, since the Paris collections were extremely dynamic in the 1830s and 1840s with numerous new acquisitions coming in from collectors on voyages of exploration throughout the world. Macquart's autobiography (1849c: xxxvii–xxxviii) listed many of these collectors and the places where they collected (this information is extremely useful as in many cases the names of these collectors are not given in the descriptions of his new species). Some of the better-known of these collectors were Desjardins, Riche, Duvaucel, d'Urville, Jacquemont, l'Herminier, Quoy, Gaimard, Freycinet, Gay, Poey, Leschenault, the Verreaux family, and Gaudichaud.

In addition to the Paris Museum asking for his help in working on their collections, Macquart was also being consulted to put names on the personal collections of colleagues. He was thus able to see the Diptera in the collections of Guérin, Boisduval, Duponchel, Mulsant, the coleopterists Dejean and Fairmaire, and also a young Parisian dipterist just beginning his studies named Jacques Bigot. In addition, he made more outside contacts, such as with the Russian entomologist Alexander Eduard Friedrich Eversmann, whom he met in Paris, as well as initiating correspondence with others such as John Obadiah Westwood (England) and the dipterists Herman Loew (Germany) and Camillo Rondani (Italy).

The first volume of the *Diptères exotiques* appeared in 1838. But first, a manuscript version of this work was sent to the Académie des Sciences in Paris for review. A report on the manuscript was made by Blainville & Duméril (1837), who gave a very positive summary of the work as follows:

“Les entomologistes accueilleront avec reconnaissance ce travail qui jettera un grand jour sur l'étude des diptères, en montrant comment certaines espèces lient les familles entre elles, car les passages sont évidents et indiqués avec beaucoup de tact, en raison de la parfaite connaissance que l'auteur possède de ce qui a été écrit et observé sur les insectes à deux ailes.

“M. Macquart ne nous a pas soumis la totalité de son manuscrit; mais dans la grande portion qui nous a été communiquée, nous avons vu que toutes ses descriptions étaient disposées dans un ordre parfaitement méthodique et rangées par familles naturelles, telles qu'il les a établies dans son grand ouvrage sur les diptères. Nous pensons donc que ce travail, qui est le complément de tout ce que l'on connaissait sur les insectes à deux ailes seulement, sera fort utile, et nous avons l'honneur de proposer à l'Académie d'écrire à l'auteur, pour l'engager à le publier aussitôt qu'il l'aura terminé.”

[Entomologists will receive with gratitude this work that will shed much light on the study of flies, while showing how certain species link families together, because the transitions are clear and are indicated with a great deal of tact by reason of the perfect knowledge that the author has on what has been written and observed about insects with two wings.

Mr Macquart has not submitted to us the totality of his manuscript, but in the large portion that has been communicated to us we have seen that all his descriptions were arranged in a perfectly methodical order and were arranged in natural families such as he has established in his great work on the Diptera. We therefore believe that this work, which is supplementary to everything that is known about insects with only two wings, will be extremely useful, and we have the honor to propose that the Academy should write to the author, to undertake to publish the work as soon as it is completed.] (Blainville & Duméril 1837: 896–898).

In 1839, toward the beginning of the project, Macquart took a trip to Stolberg to see the aging Meigen. On the way he stopped in Brussels to see fellow entomologists Robyns and Wesmael, collected insects in Tervuren, stopped at Liège to visit Lacordaire and admire his collection and library and, before reaching Stolberg, stopped at

9. Robineau-Desvoidy also worked on Diptera but was not approached by the Paris Museum probably because he had received bad reviews of his 1830 work, had initially ignored material in the Paris Museum, and was primarily interested only in the Diptera of France (see Evenhuis *et al.* 2010b).

nearby Aachen to see the tomb of Charlemagne. Finally arriving at Meigen's humble home, Macquart was taken in by the tiny and vivacious man with open arms and with the kindness and gentleness of a close friend. Meigen showed Macquart his collection and library, and an unpublished series of 305 hand-tinted plates in large quarto depicting more than 3,600 different flies. After showing Macquart his treasures, he sat down with Macquart and said:

“Mon âge et mes infirmités, m’avertissent de ma fin prochaine. J’éprouve un regret comme père d’une famille de quatorze enfants: quoique j’aie eu le bonheur de les élever au gré de mes désirs, et même d’en établir avantageusement plusieurs, j’aurais désiré leur procurer quelque bien-être en vendant avant ma mort ma collection de Diptères et le recueil de mes dessins; mais j’ai lieu de craindre que ces produits de quarante ans de travaux ne leur soient d’aucun avantage et qu’ils ne soient en même temps perdus pour la science. Je le crains d’autant plus que mes amis ont fait beaucoup de démarches pour les vendre, soit au roi de Prusse, mon souverain, soit aux musées ou aux entomologistes de l’Allemagne, et qu’elles ont toutes été vaines. Cependant mes prétentions sont bien modérées. Voulez-vous en être l’acquéreur?”

[My age and my infirmities are warning me of my approaching end. As the father of a family of fourteen children, I feel a regret: although I was fortunate enough to raise them according to my desires and was even able to settle several of them advantageously, I would have wished to obtain for them some well-being by selling before my death my collection of Diptera and the collection of my drawings, but I have reason to fear that these products of forty years of work will be of no benefit to them and that at the same time they may be lost to science. I fear that fate all the more because my friends have made many approaches to sell them, either to the King of Prussia, my sovereign, or to museums or entomologists in Germany, and they were all unsuccessful. But my claims are modest. Would you wish to be the purchaser?] (Macquart 1849c: xxix).

Meigen wanted 1,800 francs for the plates. Macquart paid the 1,800 francs and an additional 1,200 francs for the collection (Aguilar 2007). When he eventually returned to France, Macquart immediately went to Paris where he met Victor Audouin, Latreille's successor at the Muséum, and told him of the purchase. Macquart desired that, in the interest of science, the collection should be kept in a major museum and Audouin wasted no time in getting the museum administration to make arrangements to approve its acquisition.

After visiting Meigen, Macquart continued on with his travels, stopping at such places as Bonn to see Gravenhorst's ichneumonid collections; Remagen; Coblenz; Mainz, where he tried to relocate the hotel in which General Marescot gave feasts and housed troops, but he could not find it due to the changes that had taken place in the 40 years since he was last there; Wiesbaden, to see Johann Becker and his butterfly collection and Ludwig Vigelius and his collection of microlepidoptera (much of which were donated to the Lille museum); Frankfurt, where he met the German naturalist and explorer, Eduard Rüppell, whose collections in Egypt, Nubia, and Abyssinia were described by Wiedemann; Darmstadt; Karlsruhe; Mannheim; Baden; and Strasbourg. From there, back to northern France.

As Macquart returned to Lille and to his work on the series of *Diptères exotiques*, he was looking forward to working up the Paris material and felt inspired to continue the work on exotic Diptera begun by C.R.W. Wiedemann almost two decades earlier. As he examined the rich new material collected on various world voyages, he dreamed of the places that these exotic flies had seen:

“...ils avaient humé le suc de fleurs, ou poursuivi leur proie dans les forêts du Nouveau Monde, sur les bords de l’Indus, dans les solitudes de la Nouvelle Hollande. Cette Némestrine avait plongé sa longue trompe dans la corolle également allongée des glaïeuls du Cap. Ce Diopsis, au front dilaté en marteau, avait plané sur les collines boisées du Dekkan. Ces Moustiques, dorés par le soleil de l’équateur, avaient infesté les bords de l’Orénoque.”

[... they had breathed in the juice of flowers, or hunted their prey in the forests of the New World, on the banks of the Indus, in the loneliness of New Holland. This nemestrine had plunged its long proboscis into the equally elongated corolla of the Cape gladioli. This *Diopsis*, with its head expanded into a hammer, had glided over the wooded hills of the Deccan. These mosquitoes, golden under the equatorial sun, had infested the banks of the Orinoco.] (Macquart 1849c: xxxvii).

Macquart originally planned on the series occupying just two volumes. However, much to his dismay, the continual additions to the Paris collections influenced the eventual size and schedule of the series, which ended up comprising those initial two volumes (published in five parts) plus five supplements. Even with regard to the supplements, Macquart at times thought the series was finished [in one case having entitled one installment of the

series as *Suite du 2^{me} supplément* (Macquart 1848b) and in another providing an index to all the species thus far described (Macquart 1851c)]. However, another two supplements followed the 1848 volume and the last supplement appeared in 1855 (which became the final one, owing to his death in late 1855 or the series may well have continued for even longer).

The *Diptères exotiques* was one of the most prodigious taxonomic works on Diptera ever published and is still referred to as a basis for any revisionary works on non-European (especially tropical) Diptera. A total of 1,888 pages and 186 plates were published that included 2,390 new species-group names and 219 new genus-group names from almost every family of Diptera known at the time¹⁰. See Table 1 for a taxonomic summary of each volume and supplement.

TABLE 1. Taxonomic summary of the *Diptères exotiques nouveaux ou peu connus*.

Volume	Part	Year	Pages	Plates	New Taxa	
					Genera	Species
1	1	1838	217	25	17	166
1	2	1838	207	14	27	255
2	1	1840	135	21	17	145
2	2	1842	137	21	5	115
2	3	1844	298	36	34	290
Supplement						
1		1846	232	20	19	375
2		1847	104	7	15	151
2(suite)		1848	77	7	4	95
4		1850	156	14	19	272
4(suite)		1851	161	14	50	333
4(reprint)		1851	28*	—	3	0
5		1855	136	7	9	192
totals			1,888	186	219	2,390

*pages additional to those in both journal versions of supplement 4.

As a break from his writing in Lille and to examine and borrow more material, Macquart often traveled to Paris to attend meetings of the Société Entomologique de France (he was a founding member in 1832) and other nearby areas in France. But in 1845, he took his family on a trip further afield: to southern France, Switzerland, and Germany. On this trip, Macquart spent some time in his old haunts in Zürich, admiring the beauty of Switzerland. But as on his last trip there in 1800, his itinerary had to be cut short, on this occasion in order to see his old friend Meigen in Stolberg, who was dying. He unfortunately failed to meet Oswald Heer and Lorenz Oken and instead made haste toward Stolberg, passing through the Black Forest, Strasbourg, and Cologne. However, upon finally arriving in Stolberg, he was given the sorrowful news that Meigen had passed away just five days before:

“Arrivé à Stolberg, je demande Meigen, et j’apprends sa mort. Peu de jours s’étaient passés depuis que sa famille, ses amis et les sciences naturelles avaient eu à déplorer sa perte et à proposer sa vie en exemple comme homme et comme savant.”

[Arriving in Stolberg, I asked for Meigen and learned of his death. A few days had passed since his family, his friends and the natural sciences had had to lament his loss and to suggest that his life as a man and as a scientist be made exemplary.] (Macquart 1849c: lxxvi).

After returning to Lille, he began again working on more exotic Diptera that had accumulated in the Paris Museum’s collections and also started a series on the “Tachinaires” of Europe, which comprised 403 pages in 10 papers in the *Annales de la Société Entomologique de France* (from 1845 to 1855); and he began preparing manuscripts for publication on applied entomology.

10. Macquart’s own count at the time of its formal donation to the Société des Sciences, de l’Agriculture et des Arts de Lille (Macquart 1855d: 432) is fairly accurate: 186 plates and 2,300 new species of Diptera.

Applied entomology

Although best known for his taxonomic works on Diptera, Macquart had a life-long interest in insects and their plant hosts, and interspersed among his taxonomic studies were publications dealing with this applied side of entomology. He had a long association with the Société d'Agriculture, Sciences et Arts de Douai in Lille and one of his first papers resulted from a contest proposed by this society and dealt with plantations (Macquart 1811). In between his Diptera papers were various papers dealing with insects affecting crops, plants, and livestock (e.g., Macquart 1831a, b; 1836c; 1840b, c; 1848c; 1849b; 1850d; Dambricourt *et al.* 1836).

In the later years of his life, Macquart put together all his notes on insects affecting plants and published them in two series: (1) one volume (with a short supplement in 1854) on the insects of the trees and shrubs of Europe (Macquart 1852a); and (2) a three-volume study of the insects of the herbaceous plants of Europe (Macquart 1854d, 1855c, 1856), the last volume being published posthumously and including a note from the publisher apologizing for any errors that might be present in the volume as the author could not correct them.

In a published remembrance of the life of Macquart, Norguet (1886) said of Macquart's devotion to applied entomology:

“Cette étude des mœurs des insectes était, dans les dernières années de sa vie, sa préoccupation constante; il consigna ses recherches dans un ouvrage intitulé: Facultés intérieures des animaux invertébrés et dans un Mémoire sur les harmonies entomologiques. Il s'y élève aux plus hautes considérations philosophiques; son âme profondément religieuse s'y révèle tout entière et les mille observations qu'il recueille deviennent sous sa plume une hymne de gloire au Créateur.”

[This study of the habits of insects was his constant preoccupation during the last years of his life; he set down his researches in a work entitled: *Facultés intérieures des animaux invertébrés* and in a *Mémoire sur les harmonies entomologiques*. In these he rises to the highest level of philosophical considerations; his deeply religious soul is revealed in its entirety, and the thousand observations that he collects become, under his pen, a hymn of praise to the Creator.] (Norguet 1886: 528).

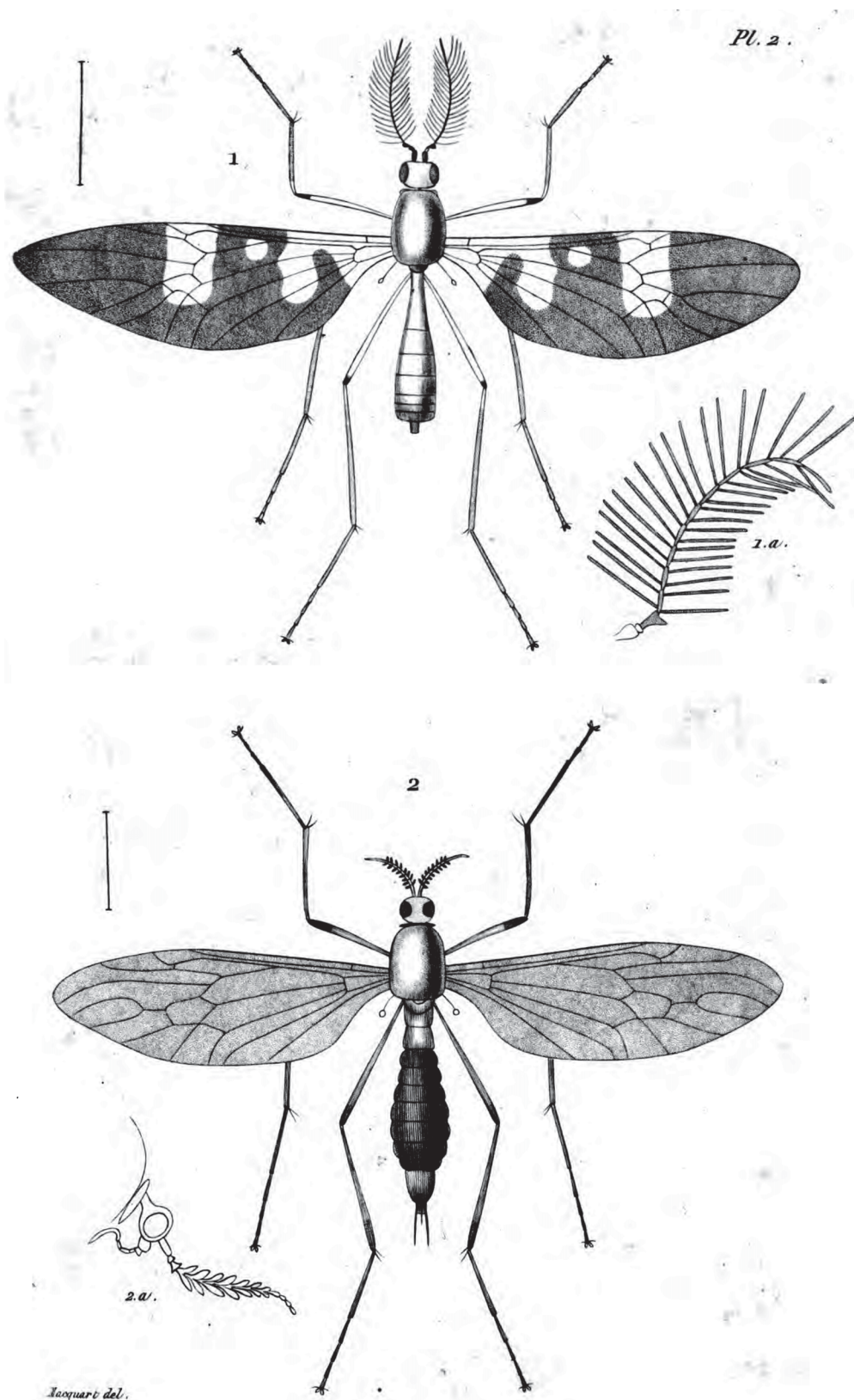
Macquart as an illustrator

Macquart was almost unique among dipterists of the early 19th century in producing his own illustrations that accompanied his works (see, e.g., Fig. 5). Crosskey (1971) discussed the pros and cons of Macquart's illustrations with the conclusion that one needs to put things in context before criticizing, and especially should realize the fact that Macquart was an “elderly” man (60) at the time the first volume of the *Diptères exotiques* was published. Although fairly simple looking at first glance, his illustrations are indeed useful in identifying species, and especially so when having to associate names with species in cases where he described two separate species in a genus, using the same species-group name (his unfortunate habit of creating many homonymies).

Perception of Macquart and his work

Macquart was used to receiving accolades for his research from persons in his places of residence and research in northern France and from among his colleagues in Paris (quite probably his aristocratic heritage offered him a false immunity to criticism from friends and colleagues, for whom it would have been impolite to speak negatively), but there were those from outside northern France who expressed more candid opinions. Hermann Loew frequently ignored his work and Robineau-Desvoidy publicized his differences of opinion with Macquart in the pages of the *Annales de la Société Entomologique de France* (Robineau-Desvoidy 1846). Osten Sacken (1903) summarized his opinion of Macquart's taxonomy in the following quote:

“At a time when, after Meigen's retirement, European dipterology threatened to remain at a standstill, and exotic Diptera were left to the tender mercies of the respectable but very insufficient Macquart ...” (Osten Sacken 1903: 104).



1. *Ctenophora læta* 1.a Antenne 2 *Ctenogyna bicolor*.
2.a Tête.

FIGURE 5. Plate 2 from Macquart (1838b) showing an example of Macquart's illustrating. From copy in senior author's library.

Osten Sacken's dim view of Macquart was no doubt due to the many homonyms and synonyms proposed by Macquart in his works. However, in Macquart's defense, Crosskey (1971) stated:

"It is easy to fault the Diptères exotiques and Suppléments on the grounds (relatively rather trivial) that in this work [sic] Macquart several times described the same species so that some of his own names are synonyms, or that he occasionally published a name for a new species that is a junior primary homonym of one of his own names."¹¹ But it is far more important to remember that the work [sic] contains standards of taxonomic presentation well above those that had normally obtained in dipterology before his time, and often far higher than that of his contemporaries (e.g. Walker) and many of his later successors (e.g. Bigot or Curran) : even a casual acquaintance with the work [sic] shows that in it Macquart provided, for example, keys to all tribes and genera, and diagnoses of all tribes and genera, in a style that would be creditable in modern taxonomy; furthermore, Macquart, to the best of my knowledge, was the first dipterist who clearly labelled his original specimens of a new species and new genus with "n.sp." or "n.g." suffixed to the names, and this is a striking advance on the very imprecise and casual labelling (or indeed total lack of labelling) that had often characterized the work of earlier dipterists" (Crosskey 1971: 258).

Macquart was a responsible and honest man, qualities which made him loyal to his constituency as a public figure; so much so that in one instance it got him into some trouble with the King of France. In 1827, King Charles X of France was traveling to Belgium and was forced to stop in Lestrem due to bad weather and the impassable muddy roads. Meeting the King and, as mayor, mediating the predicament, Macquart also took the opportunity to complain to the King of various problems in the region. The King recalled that a similar circumstance of bad weather in 1815 had forced the royal entourage then to also stop there. A local resident, Mr. Roye, made the King a fire to keep him warm (as he had done for the royal troupe in 1815) and when King Charles inquired of the fire, he was informed by an unhappy Mr. Roye that it was a "bonfire". Noting the obvious displeasure in his hosts, the King turned to Macquart and joked: "*Eh bien, M. Maire, vos chemins sont-ils toujours aussi affreux!*" [Well, Mr. Mayor, it seems your roads are always so dreadful!] (Cavrois 1878b: 229).

Death

Soon after attending a meeting of the Société Impériale des Sciences, de l'Agriculture et des Arts de Lille on 2 November to present the third part of his "*Plantes herbacées d'Europe et leurs insectes*", Macquart suddenly fell ill and died in his *hôtel à Lille* on 25 November 1855.

His funeral was attended by a plethora of notables and the procession included a line of troops following the coffin. After the ceremony, his remains were transported to his home in Lestrem (Anonymous 1856). A eulogy by Charles Violette, then president of the Société des Sciences in Lille, typified the feelings of many of his colleagues at the time:

"Messieurs,

"Je vous ai réunis pour payer ensemble un tribut de douleur et de regret à la mémoire de notre très respectable collègue M. Macquart, que la mort vient de nous enlever si cruellement. Soutenu par l'amour de la science, il assistait encore à notre dernière réunion, et nous étions loin de croire qu'il nous serait ravi si promptement. C'en est fait, il n'est plus, il a terminé sa laborieuse carrière; et nous laisse pour exemple une vie bien remplie. Favorisé par la fortune il eût pu jouir de ses bienfaits sans soins et sans labeurs; mais il a préféré le travail, et la science l'a récompensé en embellissant son existence tout entière.

"Il manifesta de bonne heure sa prédilection pour l'histoire naturelle. Jeune encore il suivait nos armées et mettait à prélit ses voyages pour étudier la botanique et l'entomologie des pays qu'il parcourait. Plus tard, devenu plus libre et toujours conduit par son amour pour l'histoire naturelle, il explorait la France et la Suisse. Bientôt, des ouvrages importants, fruits de ses premières études, le firent connaître du monde savant et le mirent en relation avec les plus illustres notabilités scientifiques.

11. One of the most extreme examples of this homonymy problem is the naming of two different species on the same page (Macquart 1834a: 287) using the same name (*Laphria limbata*)! One (*Laphria* species No. 29) is from "Cayenne"; the other, a few lines down the page (No. 31), is from France.

“Encouragé par de justes éloges, il continua sans interruption ses remarquables recherches qui vinrent successivement enrichir les nombreux volumes de nos mémoires. C’est là qu’il faut puiser pour connaître et apprécier l’étendue de ces travaux qui ont mérité à M. Macquart une réputation européenne.

“C’est à lui, vous le savez, messieurs, que s’adressaient souvent les professeurs du muséum d’histoire naturelle pour classer la riche collection d’insectes de cet établissement, et si la mort n’y eût mis obstacle, l’académie des sciences l’eût sans doute compté parmi ses membres correspondants.

“Rappellerai-je ici son dévouement pour notre Société dont il fut l’un des fondateurs et qu’il a honorée de ses travaux pendant plus de cinquante-deux ans.

“Aidé par quelques zélés collègues il créa notre musée d’histoire naturelle qui fait honneur à notre cité. Enfin, comme dernier témoignage de son affection pour notre société, il lui a légué une riche bibliothèque, de précieuses collections, et ses dernières paroles exprimaient encore le désir de lui laisser l’herbier qu’il avait amassé pendant sa longue carrière.

“Que dirai-je des qualités aimables de notre regrettable collègue! Qui ne se rappelle son urbanité, sa douceur, son exquise courtoisie, l’affabilité de ses manières qui faisaient naître la sympathie et le respect dont on se plaisait à l’entourer. Adieu, cher et excellent collègue, puisses-tu jouir auprès de Dieu du repos éternel qu’ont mérité tes vertus et ta piété; puissent nos regrets adoucir la douleur de ta famille désolée; nous verrons toujours avec un sentiment de profonde tristesse ta place vide au milieu de nous, et ta mémoire vénérée vivra éternellement dans nos cœurs.”

[Gentlemen,

I have called you all together so that we can unite in giving an expression of our sorrow and regret to the memory of our highly respected colleague Mr Macquart whom death has taken so cruelly from us. Sustained by his love of the science, he was present at our last meeting and we were far from thinking that he would be taken from us so suddenly. But it has happened, he is no more, and he has finished his industrious career; and he leaves us a full life as an example. Favored by fortune, he might have enjoyed his advantages without cares and without toil; but he preferred to work and was rewarded by a science that has embellished his entire existence.

His predilection for natural history emerged early in his life. As a young man he served in our armies and took advantage of his travels to study the botany and entomology of the countries through which he passed. Later on, with more freedom and always led by his love of natural history, he explored France and Switzerland. Soon, some important publications, the fruits of his first studies, brought his name to the attention of the scientific world and put him in touch with the most illustrious and notable scientists.

Encouraged by this just acclaim, he continued without interruption his remarkable researches which one after the other have enriched the numerous volumes of our *Mémoires*. One should dip into these in order to recognize and appreciate the extent of the works from which Mr Macquart has acquired a deserved European reputation.

As you know, gentlemen, it was to him that the professors at the museum of natural history frequently turned to have the rich collection of insects at that institute classified, and if death had not interposed an obstacle the academy of sciences would undoubtedly have included him among its corresponding members.

I must also recall at this point his devotion to our Society, of which he was one of the founding members and which he has honored with his publications for more than fifty-two years.

With the assistance of some enthusiastic colleagues, he founded the museum of natural history which brings such credit to our city. Finally, as a last token of his affection for our society he has bequeathed to us an extensive library and some valuable collections, and his final words expressed once again his wish to leave to us the herbarium that he had built up in the course of his long career.

What shall I say about the fine qualities of our late colleague! Who can fail to remember his urbanity, his gentleness, his exquisite courtesy, the affability of his behavior which engendered the sympathy and respect with which we liked to surround him. Farewell, beloved and excellent colleague, and may you enjoy the eternal rest at the side of God which your virtues and your piety have earned you; may our sorrow soften the pain of your distressed family; we shall always see with feelings of profound sadness your empty seat in our midst, and your revered memory will live eternally in our hearts.] (Violette 1857: 469–470).

Other notices of his death gave similar sentiments, e.g.: “M. Macquart mourut à Lille le 25 novembre 1855, entouré de l’estime universelle.—Il s’éleva par sa science au rang des savants les plus distingués et par son cœur au rang des hommes les meilleurs.” [Mr. Macquart died in Lille on 25 November 1855, surrounded by universal esteem.—By reason of his science he was one of the most distinguished of scholars, and his heart placed him amongst the best of men.] (Cavrois 1878a: 228).

Vincent (1856) reproduced part of an address made by Macquart at a meeting of the Société des Sciences in Lille on 22 October 1855, which Macquart thought might be the last time he would see his friends and colleagues in that society:

“Ce vénérable vieillard, dont le nom est déjà inscrit parmi ceux des naturalistes les plus dignes de faire autorité dans la science.

«Le principal mérite des sciences naturelles, à mes yeux, dit-il, c’est que j’y ai toujours vu les harmonies qui de toutes parts y signalent l’ordre, la convenance, l’utilité des êtres, soit entre eux, soit avec tous ceux qui les entourent; c’est de manifester le créateur suprême dans la création. Je me félicite, sous ce rapport, d’être l’imitateur de la plupart des naturalistes, et particulièrement de Linnée dont le cœur était aussi religieux que le génie était vaste, et dont toutes les œuvres redisent

“O Jehova !

“Quam mirabilia sunt opéra tua !

“Quam sapienter ea fecisti !

“Quam piena est terra possessione tua !

“Messieurs et bien chers collègues, je n’ai pas l’espoir de rester encore longtemps parmi vous; mais jusqu’à mon dernier moment je ne cesserai de faire des vœux pour la Société qui nous est si chère.»

“Après avoir recueilli ces paroles avec la plus vive comme la plus douce émotion, la Société, pleine de reconnaissance pour son doyen, a pris congé de lui.”

[This venerable old man, whose name already stands among those of the naturalists most worthy of holding authority in science.

“The principal merit of the natural sciences in my view, he said, is that I have always perceived in them the harmonies which in every direction indicate the order, the propriety, the utility of beings, either amongst themselves or with all those that surround them; it is to manifest the supreme creator in his creation. In this respect, I am very happy to be the imitator of the majority of naturalists and particularly of Linné, whose heart was as religious as his genius was huge and all of whose works repeat

O Lord!

How marvelous are thy works!

How wisely you made them!

How full is the land of your possession!

Gentlemen and very dear colleagues, I no longer have any expectation of remaining among you for long; but right up to my last moment I shall not cease from praying for the Society which is so dear to us.”

After listening to these words with the most lively and most pleasant emotion, the Society, full of gratitude towards its doyen, took its leave of him.”] (Vincent 1856: 28).

Collections

Types and other specimens from Macquart’s works can be found primarily in four locations: the Muséum National d’Histoire Naturelle in Paris (MNHN); the Natural History Museum, London (BMNH); the Oxford University Museum of Natural History, Oxford (OUMNH); and the Musée d’Histoire Naturelle de Lille (MNVL). Macquart types deriving from the collections of others are scattered. One such collection, the Bremi collection in the Erdgenössische Technische Hochschule-Zentrum (ETHZ) in Zürich, was researched by Herting (1970) for Macquart’s tachinid types.

Specimens in the BMNH and OUMNH derive from the Bigot collection, Bigot having sent Macquart specimens to examine, some of which became specimens of type series of new species described by Macquart. The Bigot collection was purchased by G.H. Verrall and passed to his nephew J.E. Collin, both of whom kept it with their private collections. Both Verrall and Collin donated parts of the Bigot collection to the BMNH (in the main, the families in which they had no interest), and after Collin’s death the collection was bequeathed to the OUMNH [see Crosskey (1971) and Ackland & Taylor (1972) for further details].

Specimens in the Paris Museum consist mainly of his work on the exotic (non-French) Diptera and also contain types of Diptera deriving from personal collections that were eventually deposited there. No catalog of Macquart types in Paris has been published but, given the complexity of problems surrounding Macquart type material listed by Crosskey (1971), this would no doubt be a daunting task for anyone to conduct.

Specimens in the Lille museum are those from Macquart’s personal collection, which was donated to the

Société Impériale des Sciences et des Arts de Lille by Macquart in November 1854. This collection includes primarily the specimens collected and described by Macquart from northern France but also includes duplicate specimens from contractual work he did. With regard to these latter specimens, according to the letter of donation (Macquart 1855e: 432), Macquart was allowed to keep one of every four specimens from his work on specimens deriving from the Canaries, Algeria, and Morea (Greece). The 1854 donation was merely a formality of the transfer of ownership as the collection was already being kept there: Macquart (1850c) gave a full listing of all the Diptera in the Lille museum at that time (by his count, some 6,478 named species but including many *nomina nuda*).

Apparently, some time after Macquart's death in 1855, the Lille collection was abandoned and put into storage where it suffered the attacks of dermestid beetles, which destroyed many specimens including types. Salmon (1899) gave an account to the Société Entomologique de France of the coleopterist Paul Lesne having "discovered" and rescued the collection, but the curator of the invertebrates at the Lille museum, Alfred Giard (1880), gave a much earlier account of its disappearance during the term of his predecessors and of its subsequent discovery (in 1873 by another museum curator, a Mr. Gosselet). The boxes of the Macquart collection had been stored underneath seats in an amphitheater of the Faculté des Sciences, gathering dust and *Anthrenus*. Giard also emphasized its importance by mentioning that Osten Sacken had visited the Lille museum in 1877 and had used the Macquart collection to assist in solving a taxonomic problem. Giard's (1880) article complaining of the deplorable neglect of such an important collection by museum officials is apparently little-known, so we reproduce it in full (see Appendix III).

Salmon (1899) curated the collection and did his best to retain its original organization while making a list of what it contained. His manuscript list is kept in the entomology section of MNHN. Papavero & Ibañez-Bernal (2001: 79–80) reproduced the preface to the manuscript list by Salmon, which we present here as it contains useful information on the state of the collection at the time he curated it:

"Catalogue de la collection des Diptères de Macquart (conservés au Musée d'Histoire Naturelle de Lille (Nord)).

Notice: Le 15 décembre 1854, Macquart fit don de sa bibliothèque et de ses collections entomologiques à la Société des Sciences et Arts de Lille.

"Ces précieuses richesses en [sic] reçurent malheureusement pas les soins qu'elles méritaient: lorsque je retrouvai la collection Macquart en 1897, au Musée d'Histoire Naturelle de Lille, les anthrènes avaient élu domicile dans tous les cartons et continuaient leurs ravages sans être inquiétés. J'entrepris de sauver tout d'abord les débris de la collection des Diptères. Ceux-ci étaient répartis en trois groupes: 1° une collection renfermant un grand nombre d'espèces types (Indiquée T dans ce catalogue); 2° une collection composée en grande partie d'espèces exotiques (Marquée G dans ce catalogue); 3° une collection paraissant avoir été composée par Macquart pour le Musée; car le catalogue imprimé de 1850 lui correspond exactement (Indiquée par M dans ce catalogue). Après avoir donné à ces Diptères les soins de préservation que réclamait leur état, j'en ai opéré le transfert dans des cadres neufs, en respectant rigoureusement l'ordre dans lequel je les ai trouvés dans les vieux cartons, et sans essayer aucune intercalation. Puis, à l'aide des ouvrages de Macquart (Mémoires de la Société des Sciences de Lille) et du Catalogue du Musée, j'ai établi l'énumération des espèces qui avaient échappé à la destruction et de celles dont il subsistait des débris observables.

On remarquera que certaines espèces d'un même genre se trouvent répétées plusieurs fois avec des annotations différentes; cela tient à ce que je me suis borné, faute de connaissances spéciales, à retranscrire avec la plus grande exactitude, le libellé de chaque étiquette, laissant aux spécialistes le soin d'en tirer les conclusions qu'il leur plaira.

Il semble aussi, au premier abord, que ce catalogue soit bien restreint, en comparaison du nombre considérable de Diptères décrits par Macquart. Mais, après avoir fait la part des ravages causés par Anthrènes et par l'humidité, il faut tenir compte de l'observation suivante, présentée par le savant entomologiste lorsqu'il légua ses collections à la Société des Sciences: ... les espèces qui me furent communiquées pour la détermination et particulièrement la collection du Jardin des Plantes, celles recueillies par les Commissions scientifiques de Morée et d'Algérie, celles rapportées des îles Canaries par MM. Webb et Berthelot, etc., me furent simplement confiées, et je me réservai seulement par convention avec les possesseurs, un individu sur quatre de la même espèce, ce qui m'enrichit que très médiocrement ma collection. On y chercherait donc vainement les types d'un grand nombre de genres nouveaux que j'ai publiés, surtout dans l'ouvrage sur les Diptères exotiques, que la Société a bien voulu comprendre dans ses mémoires et qui, accompagné de 186 planches, en contient pas moins de 2300 descriptions d'espèces nouvelles.

J'espère cependant que l'énumération des débris de cette collection célèbre, sera de quelque utilité aux Diptéristes qui l'avaient considérée jusqu'à présent comme entièrement détruite.

Lille, le 20 janvier 1899

Signé: Julien Salmon"

[Catalogue of the Macquart Diptera collection (in the Museum of Natural History, Lille (Nord)).

Note: On 15 December 1854 Macquart donated his library and his entomological collections to the Société des Sciences et Arts de Lille.

Unfortunately, these precious treasures have not received the care that they deserve: when I rediscovered the Macquart collection in 1897 in the Museum of Natural History in Lille, the *Anthrenus* had made their homes in all the cartons and were continuing their depredations undisturbed. I undertook first to rescue the remains of the Diptera collection. This was divided into three groups: 1) a collection containing a large number of type specimens (marked T in this catalogue); 2) a collection mostly containing exotic species (marked G in this catalogue I); 3) a collection that appears to have been made up by Macquart for the Museum, as his Catalogue published in 1850 matches it precisely (marked M in this catalogue). Having given these Diptera all the preservation treatment needed to restore their condition, I then moved them into new boxes, rigorously respecting the order in which I had found them in the old cartons and without attempting any intercalations. Then, using the works of Macquart (*Mémoires de la Société des Sciences de Lille*) and the *Catalogue du Musée*, I prepared an enumeration of the species that had escaped destruction and of those that consisted of some visible debris.

It should be noted that certain species in the same genus are repeated several times but with different annotations. This conforms with the limitations that I have set myself, as I have no special knowledge, which is to transcribe with the greatest possible accuracy the wording on each label, leaving it to individual specialists to draw the conclusions that will please them.

It will also appear at first sight that this catalogue is rather limited when compared with the large number of Diptera described by Macquart. But after taking into account the ravages caused by *Anthrenus* and by humidity, the following note submitted by the erudite entomologist when he bequeathed his collection to the Société des Sciences should be considered: ... the species that were submitted to me for identification, and particularly the collection of the Jardin des Plantes, those gathered by the Scientific Commissions for Morea and Algeria, those brought back from the Canaries by Messrs Webb and Berthelot, etc., were simply entrusted to me and I retained for myself, by agreement with the owners, one specimen in four of each species, which made very meager additions to my collection. One will search there in vain for the types of a large number of the new genera that I have published, mainly in the work on the exotic Diptera, which the Society has been kind enough to include in the *Mémoires* and which contains no fewer than 2300 descriptions of new species accompanied by 186 plates.

Nevertheless, I hope that this enumeration of the remains of this celebrated collection will be of some use to dipterists who until now have thought the collection to have been entirely destroyed.

Lille, 20 January 1899

Signed: Julien Salmon]

Despite the careful curation of the collection by Salmon in 1899, apparently many types were indeed found to be destroyed; however, much still remains. Nevertheless, there is much difficulty in studying the collection because one has to determine if a particular specimen is a type or something added later as there are no identifying marks to indicate one way or the other. Crosskey (1971) gave excellent details on the labeling and characterization of the Macquart collections and should be consulted before attempting any research on types. One of us (ACP) visited the Paris and Lille collections in April 2010 and we here present photographs of the boxes and arrangement of specimens within boxes (see Figs 6–7).

Previous workers who have studied types or given remarks on the Macquart collections include the following (NB: not an exhaustive list): Macquart (1855e; donation of Lille collection); Giard (1880; neglect of Lille collection); Brauer (1897, 1898, 1899; mostly Oestroidea); Salmon (1899; curation of Lille collection); Klein (1960; *Aedes*); Marks (1960; *Aedes*); Pont (1967; Muscidae; 2012; Muscoidea); Herting (1970; Tachinidae); Crosskey (1971; Tachinidae); Ackland & Taylor (1972; Oxford collections); Lopes (1975; Sarcophagidae); Pont & Matile (1976; *Musca*); Thompson (1988; Syrphidae); Evenhuis & Greathead (1999; Bombyliidae); Ekrem (2000; Chironomidae); Papavero & Ibañez-Bernal (2001; state of Lille collection); Evenhuis (2006; Keroplatidae); Pape (2008; *Sarcophaga*); Gibbs (2011, 2014; *Usia*); Falaschi & Oliveira (2012; Bolitophilidae, Ditomyiidae).



FIGURES 6–7. Examples of the Macquart collection. 6. Drawer of Sarcophagidae in the Lille Museum. 7. Drawer of Muscidae in the Paris Museum. Photographs by Adrian Pont.

Context of the catalog

Since 1984, the Diptera community has been working towards a unified, shared, authoritative resource for names of Diptera, the *Systema Dipterorum* [formerly Biosystematic Database of World Diptera] (see <http://www.diptera.org/>), which is now close to having completed the harvest of all names from the major primary and secondary sources (for a brief overview and history, see Evenhuis *et al.* 2010a). The family-group names of Diptera were completed by Sabrosky (1999). The next step is publication of a fully peer-reviewed World List of Diptera Genus-Group Names. The present study represents the fifth installment in a series of planned “Nomenclatural Studies Toward a World List of Diptera Genus-Group Names”. While the ultimate goal is a complete World List of Diptera Genus-Group Names, the presently planned series of papers is targeted at a subset of these names, i.e., those proposed by some of the most productive early authors. The following are those for whom work has already begun or has been published: A.-J.-B. Robineau-Desvoidy (Evenhuis *et al.* 2010b), C. Rondani (O’Hara *et al.* 2011), C.R.W. Wiedemann (Evenhuis & Pont 2013), C.H.T. Townsend (Evenhuis *et al.* 2015); J.W. Meigen, G. Enderlein, and H. Loew.

Format of the catalog

The list of genus-group names below presents all names proposed by Macquart and those names or spellings attributed to Macquart that were found during the preparation of this paper. The format follows that used by Evenhuis *et al.* (2015) and the explanation of the format given here is reproduced from that work with little change. **HEADING:** All nomenclaturally available genus-group names are numbered. Of those, names that are taxonomically valid are placed in **boldface**. All taxonomically invalid names (junior synonyms, junior homonyms, unjustified emendations) are presented in *italics*. Nomenclaturally unavailable names (incorrect spellings, *nomina nuda*) are placed in square brackets [] and are unnumbered. The date and page of the first appearance of the published name are given for all names and its full citation can be found in the references. Secondary proposals of genus-group names or subsequent publications of emendations and incorrect subsequent spellings are given in square brackets after the date and page of their first appearance.

A special case of page representation exists with some of Macquart’s publications. Many, if not all, works published by the Société Royale des Sciences, de l’Agriculture et des Arts in Lille were published both as journal versions and (reset with different pagination) as reprinted versions. Dating research conducted on these [see Evenhuis (1997) for dates of publication, some of which are updated here] determined that the reprint version came out first in some cases, while the journal version came out first in others. So as to give readers information for whichever version they may have access to, both page numbers are given for each entry for which there is both a journal and reprint version with the version having priority given first. The format used here places the page number(s) of the secondary version in parentheses if both versions were published in the same year [e.g., “Macquart, 1826a: 68(12)”. In these cases, only the version having priority is cited in the References section with information on the secondary version given in full in an annotation to the primary reference. If the second version came out in a later year, the version with priority is given first with the secondary version’s year and page number placed in square brackets after it (e.g., “Macquart, 1840a: 53 [1841: 331]”). In these cases, each version is cited separately in the References section, each with an annotation cross-referencing the other version.

ORIGINALLY INCLUDED SPECIES: A full list of originally included species (including names proposed in synonymy) is given with original combinations, authors and dates, all of which are essential in determining valid typifications of genus-group names.

TYPE SPECIES: The type species is listed in its original combination and orthography and with its form of typification. If it is currently considered a junior synonym (or an invalid senior synonym) of another nominal species, then the name of the latter species is given in square brackets.

CURRENT STATUS: Current status follows the most recent world or regional catalogs for various families or the latest revisionary work(s) for that particular genus-group name if superseding a previously published catalog treatment. For cases of unavailable names (i.e., those names that by definition do not enter into nomenclature or synonymy) we use the phrase “treated under” to indicate the current placement of the name.

FAMILY: Family assignment follows the family standards of the *Systema Dipterorum* (Pape & Thompson 2013).

REMARKS: Genus-group names or typifications needing further clarification or presenting nomenclatural or taxonomic problems are annotated. For all cases of multiple original spellings of a genus-group name, the First Reviser to have selected one of them as the correct original spelling is indicated.

EMENDATIONS: All known emendations of each genus-group name are listed with an indication of their justification in parenthesis. This list is probably not exhaustive and we have not researched each previously published one to ascertain if the name is indeed an emendation, but it presents those emendations that have been previously recorded or have been found during this study and appear as new synonymies. The ICZN *Code* Article 33.2 states that emendations are “Any demonstrably intentional change in the original spelling of a name other than a mandatory change” and three criteria are given in Article 33.2.1 that can each be used independently of the other two criteria in determining what is considered “demonstrably intentional”: 1. “when in the work itself or in an author’s (or publisher’s) corrigenda, there is an explicit statement of intention”; or 2. “when both the original and the changed spelling are cited and the latter is adopted in place of the former”; or 3. “when two or more names in the same work are treated in a similar way”. We interpret “treated in a similar way” to mean any similarity (as perceived by us and explained for new synonymies) in spelling changes between two or more names irrespective of other changes that may also have been made to those names. Only those spellings where an identical spelling has not previously been published, and subsequent usage of that spelling therefore is not possible, are considered eligible as emendations by way of a similar treatment. This requirement of being a new (i.e., first) spelling change would pertain to both (or all) names that are “treated in a similar way”, but we have not made an exhaustive search for any previous use of a similarly changed spelling for the other name(s) involved when these are not Macquart names, as this would have been prohibitively time consuming.

Few workers have realized the significance of criterion 3, since this can include names that may previously have been recognized as incorrect subsequent spellings. However, if there are two or more names in the same work that are “treated in a similar way” they will both (or all) become emendations [i.e., available names]. Incidentally, it should be noted that the ICZN *Code* does not specify that these “two or more names” necessarily have to be of the same rank. As a result, there are no doubt numerous uncataloged emendations in published papers of what were previously thought to be merely incorrect subsequent spellings that have escaped notice. Also, it may not be possible to distinguish between a newly proposed emendation by means of criterion 3 and an acceptance of an earlier emendation or the usage of an incorrect subsequent spelling. We have chosen to consider the earliest cases of such emendations through similar treatment as separate emendations; later homonymous changed spellings that fit criterion 3 whether by the same author or others are here considered subsequent usages (i.e., incorrect subsequent spellings) as they essentially fit ICZN *Code* Article 33.5. For the present work we have listed homonymous emendations if they have appeared in the literature irrespective of the criterion under which they qualify as emendations. Two additional issues relating to this are that an incorrect original spelling fixed by a First Reviser cannot become an emendation; and that it is possible for an incorrect subsequent spelling to become an emendation by criterion 1 or 2 but not by criterion 3. Those earliest discovered emendations that are indicated here as “new synonymies” are junior synonyms of the current valid genus-group name given above it in the CURRENT STATUS line. We have not made an extensive search for unpublished emendations by the next authors in our nomenclatural studies series (e.g., Meigen, Enderlein, and Loew), as these will be thoroughly dealt with in those studies. An explanation of the justification of each emendation made by workers other than Macquart and listed as “n. syn.” [= new synonymy] is given in Appendix I.

Synonymies: We understand that emendations are orthographic variants at the time of their proposal and will automatically be synonyms of the names they intend to emend, so as synonyms they cannot be “new”. We prefer instead to list each newly discovered unjustified emendation as a “new synonymy”, following the ICZN *Code* Glossary definition (2) of synonymy as “A list of synonyms”. We use the “new synonymy” as a tag to notify our readers and relevant abstracting services of those cases where an available name that has not previously been documented as such is newly recognized as being part of such a list.

A summary list at the end of the genus-group name catalog gives a breakdown of the genus-group names proposed by Macquart by family and maintains the same formatting of boldface, italics, etc. to indicate nomenclatural and taxonomic status.

Abbreviations: We abbreviate the International Commission on Zoological Nomenclature as “I.C.Z.N.” for literature references in the catalog. To further differentiate, we use “ICZN *Code*” to refer to the “*International Code of Zoological Nomenclature* (I.C.Z.N. 1999)” and “ICZN Commission” to refer to the actual Commission.

Catalog of Diptera genus-group names of Pierre-Justin-Marie Macquart

[Aamethysa] **Macquart, 1835b: 668 [1835c: 668]**.

CURRENT STATUS: Incorrect original spelling of *Amethysa* Macquart, 1835 [*teste* Macquart (1851c: 362)].

FAMILY: ULIDIIDAE.

[Acanthinia] **Macquart, 1834a: 240**.

CURRENT STATUS: Incorrect subsequent spelling of *Acanthina* Wiedemann, 1830.

FAMILY: STRATIOMYIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes of two or more names from “a” to “ia” in the same work, Macquart (1834a: 241) also used the correct spelling *Acanthina*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Acanthinia*’ in Macquart (1834a) as incorrect subsequent spellings of *Acanthina* Wiedemann, 1830.

1. *Acanthocera* **Macquart, 1834a: 209**.

ORIGINALLY INCLUDED SPECIES: *Tabanus longicornis* Fabricius, 1775.

TYPE SPECIES: *Tabanus longicornis* Fabricius, 1775, by monotypy.

CURRENT STATUS: Valid genus [*teste* Coscarón & Papavero (2009b: 55)].

FAMILY: TABANIDAE.

2. *Acanthonevra* **Macquart, 1844: 377(220)**.

ORIGINALLY INCLUDED SPECIES: *Acanthonevra fuscipennis* Macquart, 1844.

TYPE SPECIES: *Acanthonevra fuscipennis* Macquart, 1844, by original designation.

CURRENT STATUS: Valid genus [*teste* Norrbom *et al.* (1999: 65)].

FAMILY: TEPHRITIDAE.

EMENDATIONS: *Acanthineura* Agassiz, 1846a: 1 (unjustified); *Acanthineura* Agassiz, 1846b: 2 (unjustified).

3. *Acemyia* **Macquart, 1834b: 131(267)**.

CURRENT STATUS: Unjustified emendation of *Acemya* Robineau-Desvoidy, 1830; junior synonym of *Acemya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

[Aceotrichus] **Macquart, 1850b: 470 [1851c: 166]**.

CURRENT STATUS: Incorrect original spelling of *Acreotrichus* Macquart, 1850b [*teste* Evenhuis (1986: 7)].

FAMILY: BOMBYLIIDAE.

[Aceotricus] **Macquart, 1850b: 351 [1851c: 47]**.

CURRENT STATUS: Incorrect original spelling of *Acreotrichus* Macquart, 1850b [*teste* Evenhuis & Greathead (1999: 21)].

FAMILY: BOMBYLIIDAE.

4. *Acnephalum* Macquart, 1838c: 51 [1839c: 167].

ORIGINALLY INCLUDED SPECIES: *Acnephalum olivierii* Macquart, 1838c; *Acnephalum breve* Macquart, 1838c; *Acnephalum dorsale* Macquart, 1838c.

TYPE SPECIES: *Acnephalum olivierii* Macquart, 1838c, by subsequent designation (Engel 1929: 276).

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 499)].

FAMILY: ASILIDAE.

[*Acreotichus*] **Macquart, 1850b: 310 [1851c: 6].**

CURRENT STATUS: Incorrect original spelling of *Acreotrichus* Macquart, 1850b [*teste* Evenhuis (1991: 14)].

FAMILY: BOMBYLIIDAE.

5. *Acreotrichus* Macquart, 1850b: 425 [1851c: 121].

ORIGINALLY INCLUDED SPECIES: *Acreotrichus gibbicornis* Macquart, 1850b; *Acreotrichus fusicornis* Macquart, 1850b.

TYPE SPECIES: *Acreotrichus gibbicornis* Macquart, 1850b [= *Bombylius antecedens* Walker, 1849], by original designation.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 21)].

FAMILY: BOMBYLIIDAE.

REMARKS: There are four different spellings for this genus in Macquart (1850b): ‘*Acreotichus*’ (page 310), ‘*Aceotricus*’ (page 351), *Acreotrichus* (page 425), and ‘*Aceotrichus*’ (page 470). Acting as First Reviser, Evenhuis (1986: 7) selected *Acreotrichus* as the correct original spelling, although only ‘*Aceotrichus*’ of the other three spellings was cited as incorrect. Later, Evenhuis (1991: 15) pointed to ‘*Acreotichus*’ being an incorrect original spelling; and Evenhuis & Greathead (1999: 21) pointed to ‘*Aceotricus*’ being an incorrect original spelling.

[*Acreotricus*] **Macquart, 1851c: 351.**

CURRENT STATUS: Incorrect subsequent spelling of *Acreotrichus* Macquart, 1850b.

FAMILY: BOMBYLIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

6. *Acrochoeta* Macquart, 1834a: 259 [1835b: 667; 1835c: 667; 1838b: 194(198)].

CURRENT STATUS: Unjustified emendation of *Acrochaeta* Wiedemann, 1830; junior synonym of *Acrochaeta* Wiedemann, 1830. **New synonymy.**

FAMILY: STRATIOMYIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

[*Acyptera*] **Macquart, 1851b: plate 20, figure 1.**

CURRENT STATUS: Incorrect subsequent spelling of *Ocyptera* Latreille, 1804.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

7. *Adelidea* Macquart, 1840a: 84 [1841: 362].

ORIGINALLY INCLUDED SPECIES: *Adelidea fuscipennis* Macquart, 1840a.

TYPE SPECIES: *Adelidea fuscipennis* Macquart, 1840a [= *Bombylius anomala* Wiedemann, 1821b], by original designation.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 81)].

FAMILY: BOMBYLIIDAE.

[*Aedalea*] **Macquart, 1834a: “*explication des planches*”, page 5.**

CURRENT STATUS: Incorrect subsequent spelling of *Oedalea* Meigen, 1830.

FAMILY: HYBOTIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “oe” to “ae” in the same work, Macquart (1834a: 321) also used the correct spelling of *Oedalea*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Aedalea*’ in Macquart (1834a) as incorrect subsequent spellings of *Oedalea* Meigen, 1830.

[*Aegeria*] **Macquart, 1835b: 321 [1835c: 321].**

CURRENT STATUS: Incorrect subsequent spelling of *Egeria* Robineau-Desvoidy, 1830.

FAMILY: ANTHOMYIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

The earliest emendation (unjustified) of *Egeria* Robineau-Desvoidy, 1830 we have found using the spelling ‘*Aegeria*’ is *Aegeria* Agassiz, 1846a: 2 [*teste* Evenhuis *et al.* (2010b: 68)], which was made available by both spellings appearing together in the same work and the changed spelling being adopted.

8. *Agculocera* Macquart, 1855d: 24.

ORIGINALLY INCLUDED SPECIES: *Agculocera nigra* Macquart, 1855d.

TYPE SPECIES: *Agculocera nigra* Macquart, 1855d [= *Tachina acuticornis* Meigen, 1824], by monotypy.

CURRENT STATUS: Junior synonym of *Acemya* Robineau-Desvoidy, 1830 [*teste* Herting & Dely-Draskovits (1993: 172)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Ancylocera* Mik, 1866: 309 (unjustified); *Ancylocera* Bezzi & Stein, 1907: 333 (unjustified).

[*Albunia*] **Macquart, 1835b: 161 [1835c: 161].**

CURRENT STATUS: Incorrect subsequent spelling of *Albinia* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[*Alractia*] **Macquart, 1851c: 347.**

CURRENT STATUS: Incorrect subsequent spelling of *Atractia* Macquart, 1838.

FAMILY: ASILIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

9. *Amethysa* Macquart, 1835b: 440 [1835c: 441].

ORIGINALLY INCLUDED SPECIES: *Amethysa fasciata* Macquart, 1835b.

TYPE SPECIES: *Amethysa fasciata* Macquart, 1835b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Steyskal (1980b: 576)].

FAMILY: ULIDIIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1835b): *Amethysa* (page 440) and *Aamethysa* (page 668). By subsequent usage by the author (ICZN Code Article 24.2.4), Macquart (1851c: 362) acted as First Reviser and selected *Amethysa* as the correct original spelling. Although the type species is cited

in Macquart (1835b: 441) as from “*Du Cap*”, Barraclough (1999: 285) indicated this was an error and the specimen referred to by Macquart is actually Neotropical.

EMENDATIONS: *Amethysta* Loew, 1873: 25 (unjustified).

10. *Amphibolia* Macquart, 1844: 121(278).

ORIGINALLY INCLUDED SPECIES: *Amphibolia valentina* Macquart, 1844.

TYPE SPECIES: *Amphibolia valentina* Macquart, 1844 [= *Rutilia vidua* Guérin-Ménéville, 1843], by original designation.

CURRENT STATUS: Valid genus [*teste* Cantrell & Crosskey (1989: 741)].

FAMILY: TACHINIDAE.

[*Anabarhynchus*] *Macquart*, 1848b: 192(32).

CURRENT STATUS: Incorrect original spelling of *Anabarhynchus* Macquart, 1848b [*teste* Macquart (1850c: 482)].

FAMILY: THEREVIDAE.

11. *Anabarhynchus* Macquart, 1848b: 231(70).

ORIGINALLY INCLUDED SPECIES: *Anabarhynchus fasciatus* Macquart, 1848b (as “*Anabarhynchus fasciatus*”).

TYPE SPECIES: *Anabarhynchus fasciatus* Macquart, 1848b (as “*Anabarhynchus fasciatus*”), by original designation.

CURRENT STATUS: Valid genus [*teste* Irwin & Lyneborg (1989: 354)].

FAMILY: THEREVIDAE.

REMARKS: There are three original spellings for this genus in Macquart (1848b): *Anabarhynchus* (page 192), *Anabarynchus* (page 191), and *Anabarhynchus* (page 231). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1850c: 482) acted as First Reviser and selected *Anabarhynchus* as the correct original spelling. Irwin & Lyneborg (1989: 354) selected the same spelling, but this was later. Irwin & Lyneborg (1989: 354) gave the method of typification of *Anabarhynchus* Macquart, 1848b as by monotypy, but this is incorrect. A check of Macquart (1848b: 192) shows that there is the following statement: “*Le type de ce genre appartient à la nouvelle Hollande*”. This refers to the only included species, *Anabarhynchus fasciatus* Macquart, 1848b, which is listed as being from “*Nouvelle-Hollande*”. This suffices as an original designation.

EMENDATIONS: *Anabarrhynchus* Kertész, 1909b: 166 (unjustified).

[*Anabarynchus*] *Macquart*, 1848b: 191(31).

CURRENT STATUS: Incorrect original spelling of *Anabarhynchus* Macquart, 1848b [*teste* Macquart (1850c: 482)].

FAMILY: THEREVIDAE.

12. *Anacanthella* Macquart, 1855b: 38(58).

ORIGINALLY INCLUDED SPECIES: *Anacanthella splendens* Macquart, 1855b.

TYPE SPECIES: *Anacanthella splendens* Macquart, 1855b, by original designation.

CURRENT STATUS: Valid genus [*teste* Woodley (2001: 76)].

FAMILY: STRATIOMYIDAE.

REMARKS: There are two original spellings of this nominal genus in Macquart (1855b): *Anacanthella* (page 38) and *Anachantella* (page 129). Acting as First Reviser, Verrall in Scudder (1882: 19) selected *Anacanthella* as the correct original spelling. Woodley (2001: 76) selected the same spelling, but this was later. Woodley (2001: 76) gave the method of typification of *Anacanthella* Macquart, 1855b as by monotypy, but this is incorrect. A check of Macquart (1855b: 39) shows that there is the following statement: “*Le type de ce genre se distingue encore par l'éclat de couleurs métalliques*”. This refers to the only included species, *Anacanthella splendens* Macquart, 1855, and this suffices as an original designation.

[*Anachantella*] **Macquart, 1855b: 129(149).**

CURRENT STATUS: Incorrect original spelling of *Anacanthella* Macquart, 1855b [*teste* Verrall in Scudder (1882: 19)].

FAMILY: STRATIOMYIDAE.

13. *Anisophysa* Macquart, 1835b: 543 [1835c: 543].

ORIGINALLY INCLUDED SPECIES: *Piophila scutellaris* Fallén, 1820a; *Anisophysa albipennis* Macquart, 1835b.

TYPE SPECIES: *Piophila scutellaris* Fallén, 1820a (as “*A. scutellaris*”) [= *Trupanea sphondylii* Schrank, 1803], by subsequent designation (Glaire & Walsh 1840: 404).

CURRENT STATUS: Junior synonym of *Saltella* Robineau-Desvoidy, 1830 [*teste* Zuska & Pont (1984: 157)].

FAMILY: SEPSIDAE.

REMARKS: Zuska & Pont (1984: 157) gave the type designation as *Piophila scutellaris* Fallén, 1820a by subsequent designation by Hennig (1949: 39). Research conducted during this study found an earlier designation for *Anisophysa* by Glaire & Walsh (1840: 404), which was of the same type species. Wulp (1864: 129) also designated the same species, but this was later.

14. *Anisotamia* Macquart, 1840a: 81 [1841: 359].

ORIGINALLY INCLUDED SPECIES: *Anisotamia ruficornis* Macquart, 1840a; *Anisotamia centralis* Macquart, 1840a.

TYPE SPECIES: *Anisotamia ruficornis* Macquart, 1840a, by subsequent designation (Coquillett 1910: 507).

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 250)].

FAMILY: BOMBYLIIDAE.

[*Anodontina*] **Macquart, 1838c: plate 13.**

CURRENT STATUS: Incorrect original spelling of *Aplomera* Macquart, 1838c [*teste* Macquart, 1838c: 163]

FAMILY: EMPIDIDAE.

REMARKS: The plates to Macquart's (1838c) work were finished before he finished the text and, since they were engraved, could not be easily changed or, if so, probably at an added expense and delay in publication. In the text, Macquart (1838c: 163) decided to use the spelling *Aplomera* instead of *Anodontina* (which was the spelling engraved on the plate) and stated the change since the plates could not be easily altered. Thus, although listed by Neave (1939: 209) as an available name, ‘*Anodontina*’ is an incorrect original spelling as determined by Macquart (1838c: 163) and thus an unavailable name, **new status**.

[*Antrax*] **Macquart, 1848b: 133(193).**

CURRENT STATUS: Incorrect subsequent spelling of *Anthrax* Scopoli, 1763.

FAMILY: BOMBYLIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

15. *Apatemyia* Macquart, 1846: 325(197).

ORIGINALLY INCLUDED SPECIES: *Apatemyia longipes* Macquart, 1846.

TYPE SPECIES: *Apatemyia longipes* Macquart, 1846, by monotypy.

CURRENT STATUS: Valid genus [*teste* Cantrell & Crosskey (1989: 753)].

FAMILY: TACHINIDAE.

16. *Apeilesis* Macquart, 1846: 136(8).

ORIGINALLY INCLUDED SPECIES: *Apeilesis cinerea* Macquart, 1846.

TYPE SPECIES: *Apeilesis cinerea* Macquart, 1846, by original designation.

CURRENT STATUS: Junior synonym of *Dolichopeza* Meigen, 1830 [*teste* Oosterbroek (1989: 55)].

FAMILY: TIPULIDAE.

REMARKS: Oosterbroek (1989: 55) gave the method of typification of *Apeilesis* Macquart, 1846 as by monotypy, but this is incorrect. A check of Macquart (1846: 136) shows that there is the following statement: “*Le type de ce genre a été trouvé dans la Tasmanie par Verreaux, voyageur du Muséum*”. This refers to the only included species, *Apeilesis cinerea* Macquart, 1846, which is listed as being from “*Tasmanie*” and collected by Verreaux. This suffices as an original designation.

17. *Aplomera* Macquart, 1838c: 163 [1839c: 279].

ORIGINALLY INCLUDED SPECIES: *Aplomera gayi* Macquart, 1838c.

TYPE SPECIES: *Aplomera gayi* Macquart, 1838c, by original designation.

CURRENT STATUS: Valid genus [*teste* Yang *et al.* (2007: 202)].

FAMILY: EMPIDIDAE.

REMARKS: There are two original spellings of this nominal genus in Macquart (1838c): *Aplomera* (page 163) and *Anodontina* (plate 13). Macquart (1838c: 163) selected *Aplomera* as the correct original spelling. See under *Anodontina* for further details. Smith (1967: 26) and Yang *et al.* (2007: 202) gave the method of typification of *Aplomera* Macquart, 1838c as by monotypy, but this is incorrect. A check of Macquart (1838c: 163) shows that there is the following statement: “*Le type de ce genre est du Chili*”. This refers to the only included species, *Aplomera gayi* Macquart, 1838c, which is listed as being from “*Chili*”. This suffices as an original designation.

EMENDATIONS: *Haplomera* Agassiz, 1846b: 29, 172 (unjustified).

18. *Apoclea* Macquart, 1838c: 119 [1839c: 235].

ORIGINALLY INCLUDED SPECIES: *Apoclea pallida* Macquart, 1838c; *Apoclea fuscana* Macquart, 1838c.

TYPE SPECIES: *Apoclea pallida* Macquart, 1838c [= *Asilus algira* Linnaeus, 1767], by subsequent designation (Engel 1926: 40).

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 475)].

FAMILY: ASILIDAE.

19. *Apodacra* Macquart, 1854e: 425.

ORIGINALLY INCLUDED SPECIES: *Apodacra seriemaculata* Macquart, 1854e (as “*Apodacra serie maculata*”).

TYPE SPECIES: *Apodacra seriemaculata* Macquart, 1854e (as “*Apodacra serie maculata*”), by monotypy.

CURRENT STATUS: Valid genus [*teste* Pape (1996: 75)].

FAMILY: SARCOPHAGIDAE.

20. *Aporia* Macquart, 1846: 296(168).

ORIGINALLY INCLUDED SPECIES: *Aporia quadrimaculata* Macquart, 1846.

TYPE SPECIES: *Aporia quadrimaculata* Macquart, 1846, by monotypy.

CURRENT STATUS: Preoccupied by *Aporia* Hübner, 1819; junior synonym of *Uramya* Robineau-Desvoidy, 1830 [*teste* O’Hara & Wood (2004: 50)].

FAMILY: TACHINIDAE.

21. *Aporosa* Macquart, 1838a: 66 [1839a: plate 4, fig. 3; 1839b: 100].

ORIGINALLY INCLUDED SPECIES: *Aporosa maculipennis* Macquart, 1838a; *Aporosa fuscana* Macquart, 1838a.

TYPE SPECIES: *Aporosa maculipennis* Macquart, 1838a, by subsequent designation (Coquillett 1910: 509).

CURRENT STATUS: Junior synonym of *Geranomyia* Haliday, 1833 [*teste* Savchenko *et al.* (1992: 353)].

FAMILY: LIMONIIDAE.

REMARKS: Macquart evidently anticipated the first occurrence of this name to appear in Macquart (1839a, 1839b), but the proposal of this name in his *Diptères exotiques* series (Macquart 1838a) came out in the previous year.

22. Aprotheca Macquart, 1851b: 148 [1851c: 121].

ORIGINALLY INCLUDED SPECIES: *Aprotheca rufipes* Macquart, 1851b.

TYPE SPECIES: *Aprotheca rufipes* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Cantrell & Crosskey (1989: 782)].

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 782) gave the method of typification of *Aprotheca* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 148) shows that there is the following statement: “*Le type appartient à la Tasmanie*”. This refers to the only included species, *Aprotheca rufipes* Macquart, 1851b, which is listed as being from “*Tasmanie*”. This suffices as an original designation.

23. Apterina Macquart, 1835b: 573 [1835c: 573].

ORIGINALLY INCLUDED SPECIES: *Borborus pedestris* Meigen, 1830.

TYPE SPECIES: *Borborus pedestris* Meigen, 1830, by monotypy.

CURRENT STATUS: Junior synonym of *Crumomyia* Macquart, 1835b [*teste* Norrbom *et al.* in Roháček (2001: 58)].

FAMILY: SPHAEROCERIDAE.

24. Ardoptera Macquart, 1828: 105.

ORIGINALLY INCLUDED SPECIES: *Tachydromia irrorata* Fallén, 1815.

TYPE SPECIES: *Tachydromia irrorata* Fallén, 1815, by monotypy.

CURRENT STATUS: Junior synonym of *Dolichocephala* Macquart, 1823 [*teste* Yang *et al.* (2007: 59)].

FAMILY: EMPIDIDAE.

REMARKS: Yang *et al.* (2007: 59) gave the method of typification of *Ardoptera* Macquart, 1828 as by original designation, but this is incorrect. A check of Macquart (1828: 105) shows no wording that can be construed as an original designation, thus the typification is by monotypy.

25. Argyra Macquart, 1834a: 456.

ORIGINALLY INCLUDED SPECIES: *Musca diaphana* Fabricius, 1775 (as “*Dolichopus diaphanus*, Fab. S. Antl. n°. 18”; with *Porphyrops versicolor* Meigen, 1824 in synonymy); *Argyra argentata* Macquart, 1834a (with *Porphyrops argyria* Meigen, 1824 in synonymy); *Dolichopus vestitus* Wiedemann, 1817; *Musca quadrifasciata* Fabricius, 1781 (as “*Argyra quadrifasciata*.—*Porphyrops id.* n°. 7.—*Dolichopus id.* Fab. S. Antl. n°. 16”); *Porphyrops fulvipes* Macquart, 1828; *Porphyrops flaviventris* Macquart, 1828; *Porphyrops annulatus* Macquart, 1828.

TYPE SPECIES: *Musca diaphana* Fabricius, 1775 (as “*P. diaphanus*”), by subsequent designation (Westwood 1840: 134).

CURRENT STATUS: Name conserved [I.C.Z.N. (2014b: 267 [Opinion 2348])]; valid genus [*teste* Yang *et al.* (2006: 32)].

FAMILY: DOLICHOPODIDAE.

REMARKS: Rondani (1856: 141) designated the same type species, but this was later. *Porphyrops* Meigen, 1824 antedates *Argyra* Macquart, 1834a. However, acceptance of priority would upset the stability of nomenclature and taxonomy by replacing the commonly used *Argyra* with the lesser-known *Porphyrops*. Application to the ICZN Commission to suppress *Porphyrops* (Evenhuis *et al.* 2012) led to Opinion 2348 (I.C.Z.N. 2014b: 267) conserving *Argyra* Macquart, 1834a.

26. Asarkina Macquart, 1842c: 77(137).

ORIGINALLY INCLUDED SPECIES: *Syrphus rostratus* Wiedemann, 1824.

TYPE SPECIES: *Syrphus rostratus* Wiedemann, 1824, by monotypy.

CURRENT STATUS: Valid genus [*teste* Thompson & Vockeroth (1989: 442)].

FAMILY: SYRPHIDAE.

EMENDATIONS: *Asarcina* Agassiz, 1846b: 35 (unjustified); *Asarcina* Kertész, 1910: 94 (unjustified).

[Asibus] **Macquart, 1826b: 335(11).**

CURRENT STATUS: Incorrect subsequent spelling of *Asilus* Linnaeus, 1758.

FAMILY: ASILIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[Asylus] **Macquart, 1823: 145.**

CURRENT STATUS: Incorrect subsequent spelling of *Asilus* Linnaeus, 1758.

FAMILY: ASILIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

27. *Atelenevra* Macquart, 1834b: 220(356) [1835b: 12; 1835c: 12].

ORIGINALLY INCLUDED SPECIES: *Pipunculus holosericeus* Meigen, 1824.

TYPE SPECIES: *Pipunculus holosericeus* Meigen, 1824, by monotypy.

CURRENT STATUS: Junior synonym of *Chalarus* Walker, 1834 [*teste* De Meyer (1996: 17)].

FAMILY: PIPUNCULIDAE.

REMARKS: *Atelenevra* Macquart, 1834a was originally published in October 1834 while *Chalarus* Walker, 1834 was published in July 1834, thus *Chalarus* has priority by a few months. A second treatment of *Atelenevra* in Macquart (1835b: 12) included two species, but this is considered here to be a secondary proposal of a new genus-group name.

EMENDATIONS: *Ateleneura* Agassiz, 1846a: 4 (unjustified); *Ateleonevra* Agassiz, 1846b: 39 (unjustified); *Ateleneura* Bezzi & Stein, 1907: 166 (unjustified).

[Athricia] **Macquart, 1834b: 139(275).**

CURRENT STATUS: Incorrect subsequent spelling of *Athrycia* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

Herting (1984: 152) and Herting & Dely-Draskovits (1993: 382) listed this spelling as an emendation, but a check of Macquart (1834b) shows no wording that can be construed as an emendation, thus ‘*Athricia*’ is an unavailable name, **new status**.

28. *Atomogaster* Macquart, 1835b: 329 [1835c: 329].

ORIGINALLY INCLUDED SPECIES: *Anthomyia triquetra* Wiedemann, 1817 (as “*Atomogaster triquetra*.—*Musca* id. Fall. n°. 80.—*Anthomyia* id. Meig. n°. 139”; with *Azelia nebulosa* Robineau-Desvoidy, 1830 in questionable synonymy); *Azelia florea* Robineau-Desvoidy, 1830; *Azelia duodecimpunctata* Robineau-Desvoidy, 1830; *Azelia tibialis* Robineau-Desvoidy, 1830; *Atomogaster rufipes* Macquart, 1835b; *Anthomyia stigmatica* Meigen, 1826.

TYPE SPECIES: Hereby fixed under ICZN Art. 70.3.2 as *Azelia nebulosa* Robineau-Desvoidy, 1830, misidentified as *Anthomyia triquetra* Wiedemann, 1817 *sensu* Macquart, 1835b [*teste* Pont (1986: 62)], by **present designation**.

CURRENT STATUS: Junior synonym of *Azelia* Robineau-Desvoidy, 1830 [*teste* Poole (1996: 169)].

FAMILY: MUSCIDAE.

EMENDATIONS: *Athomogaster* Rondani, 1866: 215 (unjustified).

29. *Atomosia* Macquart, 1838c: 73 [1839c: 189].

ORIGINALLY INCLUDED SPECIES: *Atomosia annulipes* Macquart, 1838c; *Atomosia nigripes* Macquart, 1838c; *Atomosia unicolor* Macquart, 1838c; *Atomosia incisuralis* Macquart, 1838c; *Atomosia brevicornis* Macquart, 1838c; *Atomosia pusilla* Macquart, 1838c.

TYPE SPECIES: *Atomosia incisuralis* Macquart, 1838c [= *Laphria puella* Wiedemann, 1828], by subsequent designation (Coquillett 1910: 512) [I.C.Z.N. 2014a: 199 (Opinion 2342)].

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 491)].

FAMILY: ASILIDAE.

REMARKS: An earlier valid type-species designation of *Atomosia annulipes* Macquart, 1838 by Duponchel *in* d'Orbigny (1841: 309) was found by Evenhuis & Thompson (1990: 232). However, if accepted, this designation would cause instability of nomenclature and taxonomy by placing the well-known *Atomosia* Macquart, 1838 as a senior synonym of *Aphestia* Schiner, 1866 and the little-known *Cormansis* Walker, 1851a would be the next available name for species previously placed in *Atomosia*. In order to promote stability in nomenclature and taxonomy, an application was submitted to the ICZN Commission by Evenhuis (2012b) to conserve *Atomosia* Macquart. The I.C.Z.N. [2014a: 199 (Opinion 2342)] subsequently voted to suppress the designation by Duponchel *in* d'Orbigny (1841) and conserve that by Coquillett (1910).

30. *Atractia* Macquart, 1838c: 151 [1839c: 267].

ORIGINALLY INCLUDED SPECIES: *Asilus psilogaster* Wiedemann, 1828.

TYPE SPECIES: *Asilus psilogaster* Wiedemann, 1828, by original designation.

CURRENT STATUS: Valid genus [*teste* Papavero (2009b: 89)].

FAMILY: ASILIDAE.

EMENDATIONS: *Atractea* Agassiz, 1846b: 40 (unjustified), **n. syn.** [see Appendix I]

31. *Aulacephala* Macquart, 1851b: 138 [1851c: 165].

ORIGINALLY INCLUDED SPECIES: *Aulacephala maculithorax* Macquart, 1851b.

TYPE SPECIES: *Aulacephala maculithorax* Macquart, 1851b, by monotypy.

CURRENT STATUS: Valid genus [*teste* O'Hara & Cerretti (2016: 224)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Aulacocephala* Brauer, 1863: 168 (unjustified), **n. syn.** [see Appendix I]; *Aulacocephala* Gerstaecker, 1864: 1033 (unjustified).

32. *Aulacigaster* Macquart, 1835b: 579 [1835c: 579].

ORIGINALLY INCLUDED SPECIES: *Aulacigaster rufitarsis* Macquart, 1835b.

TYPE SPECIES: *Aulacigaster rufitarsis* Macquart, 1835 [= *Diastata leucopeza* Meigen, 1830], by monotypy.

CURRENT STATUS: Valid genus [*teste* Rung & Mathis (2011: 4)].

FAMILY: AULACIGASTRIDAE.

REMARKS: There are two original spellings of this nominal genus in Macquart (1835b): *Aulacigaster* (page 579) and *Aulacigastre* (page 670). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1850c: 551) acted as First Reviser and selected *Aulacigaster* as the correct original spelling.

EMENDATIONS: *Aulacogaster* Agassiz, 1846b: 40 (unjustified); *Aulacogaster* Oldenberg, 1914: 30 (unjustified).

[*Aulacigastre*] Macquart, 1835b: 670 [1835c: 670].

CURRENT STATUS: Incorrect original spelling of *Aulacigaster* Macquart, 1835b [*teste* Macquart (1850c: 551)].

FAMILY: AULACIGASTRIDAE.

33. *Bactrocera* Macquart, 1835b: 452 [1835c: 452].

ORIGINALLY INCLUDED SPECIES: *Bactrocera longicornis* Macquart, 1835b.

TYPE SPECIES: *Bactrocera longicornis* Macquart, 1835b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Norrbom *et al.* (1999: 87)].

FAMILY: TEPHRITIDAE.

REMARKS: Macquart was undoubtedly in contact with Guérin and possibly saw the manuscript description of *Bactrocera* by Guérin because he mentioned (Macquart, 1835b: 453) that the genus was “*formé par M. Guérin dans la partie entomologique du Voyage de la Coquille autour du monde*”. However, Guérin’s treatment of the nominal genus did not appear until November 1838 and, because Macquart (1835b) did not indicate that Guérin provided anything other than the name, the authorship of *Bactrocera* and its type species is Macquart and both names date from 1835.

34. *Basentidema* Macquart, 1838b: 197(201).

ORIGINALLY INCLUDED SPECIES: *Basentidema syrphoides* Macquart, 1838b.

TYPE SPECIES: *Basentidema syrphoides* Macquart, 1838b [= *Sargus hortulana* Wiedemann, 1830], by monotypy.

CURRENT STATUS: Junior synonym of *Raphiocera* Macquart, 1834a [*teste* Woodley (2011a: 407)].

FAMILY: STRATIOMYIDAE.

[*Bibia*] Macquart, 1850c: 479.

CURRENT STATUS: Incorrect subsequent spelling of *Bibio* Geoffroy, 1762.

FAMILY: BIBIONIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

35. *Bicellaria* Macquart, 1823: 155.

ORIGINALLY INCLUDED SPECIES: *Bicellaria nigra* Macquart, 1823.

TYPE SPECIES: *Bicellaria nigra* Macquart, 1823 [= *Empis spuria* Fallén, 1816], by monotypy.

CURRENT STATUS: Valid genus [*teste* Yang *et al.* (2007: 324)].

FAMILY: HYBOTIDAE.

36. *Blepharella* Macquart, 1851b: 176 [1851c: 203].

ORIGINALLY INCLUDED SPECIES: *Blepharella lateralis* Macquart, 1851b.

TYPE SPECIES: *Blepharella lateralis* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* O’Hara & Cerretti (2016: 128)].

FAMILY: TACHINIDAE.

REMARKS: While O’Hara & Cerretti (2016: 128) gave the method of typification as by original designation, Cantrell & Crosskey (1989: 775) gave the method of typification of *Blepharella* Macquart, 1851b as by monotypy. A check of Macquart (1851b: 177) shows that there is the following statement: “*Le type est asiatique*”. This refers to the only included species, *Blepharella lateralis* Macquart, 1851b, which is listed as being from “*Pondicherry*” in India. This suffices as an original designation.

37. *Blepharicera* Macquart, 1843: 61 [1854f: 454].

ORIGINALLY INCLUDED SPECIES: *Blepharicera limbipennis* Macquart, 1843.

TYPE SPECIES: *Blepharicera limbipennis* Macquart, 1843 [= *Asthenia fasciata* Westwood, 1842], by monotypy.

CURRENT STATUS: Valid genus [*teste* Jacobson *et al.* (2011: 771)].

FAMILY: BLEPHARICERIDAE.

EMENDATIONS: *Blepharocera* Agassiz, 1846b: 47 (unjustified); *Blepharocera* Loew, 1858: 107 (unjustified).

38. *Blepharicnema* Macquart, 1844: 126(282).

ORIGINALLY INCLUDED SPECIES: *Blepharicnema splendens* Macquart, 1844.

TYPE SPECIES: *Blepharicnema splendens* Macquart, 1844, by monotypy.

CURRENT STATUS: Valid genus [*teste* James (1970: 9)].

FAMILY: CALLIPHORIDAE.

EMENDATIONS: *Blepharocnema* Agassiz, 1846b: 47 (unjustified).

[*Blepharipalpus*] **Macquart, 1852a: 346.**

ORIGINALLY INCLUDED SPECIES: *Blepharipalpus humeralis* Macquart, 1852a (as “*Blepharipalpus humeralis* Perr.”)

CURRENT STATUS: Unavailable name; genus-group name proposed without description or indication or included species.

FAMILY: PIOPHILIDAE.

REMARKS: The name and the only included species are both *nomina nuda*. The appearance of the genus-group name and the species-group name here (June 1852) precedes by a few months their appearance in Perris (1852) (December), in which the names are also *nomina nuda*.

39. *Blepharipeza* Macquart, 1844: 54(210).

ORIGINALLY INCLUDED SPECIES: *Blepharipeza rufipalpis* Macquart, 1844.

TYPE SPECIES: *Blepharipeza rufipalpis* Macquart, 1844 [= *Tachina leucophrys* Wiedemann, 1830], by monotypy.

CURRENT STATUS: Junior synonym of *Leschenaultia* Robineau-Desvoidy, 1830 [teste O’Hara & Wood (2004: 187)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Blepharopeza* Agassiz, 1846b: 47 (unjustified).

40. *Blephariptera* Macquart, 1835b: 412 [1835c: 412].

ORIGINALLY INCLUDED SPECIES: *Helomyza ustulata* Meigen, 1830; *Musca serrata* Linnaeus, 1758 (with *Leria fenestrarum* Robineau-Desvoidy, 1830 in synonymy); *Leria domestica* Robineau-Desvoidy, 1830; *Leria cuniculorum* Robineau-Desvoidy, 1830; *Leria subterranea* Robineau-Desvoidy, 1830; *Blephariptera nigricans* Macquart, 1835b; *Leria fungivora* Robineau-Desvoidy, 1830; *Helomyza caesia* Meigen, 1830; *Heleomyza fenestralis* Fallén, 1820a; *Helomyza inscripta* Meigen, 1830; *Blephariptera rufa* Macquart, 1835b; *Blephariptera macrostyla* Macquart, 1835b.

TYPE SPECIES: *Musca serrata* Linnaeus, 1758, by subsequent designation (Westwood 1840: 145).

CURRENT STATUS: Junior synonym of *Heleomyza* Fallén, 1810 [teste Sabrosky (1999: 65)].

FAMILY: HELEOMYZIDAE.

EMENDATIONS: *Blepharoptera* Agassiz, 1846b: 47 (unjustified).

[*Blepharis*] **Macquart, 1838c: plate 8, figure 1.**

CURRENT STATUS: Incorrect original spelling of *Craspedia* Macquart, 1838c [teste Macquart (1851c: 345)].

FAMILY: ASILIDAE.

REMARKS: Neave (1939: 440), Hull (1962: 448), Daniels (1989c: 327), and Geller-Grimm (2004: 475) all treated this name as a separate proposal of a genus-group name; however, it is clear from Macquart (1838c: 83; see textual reference to plate 8, figure 1 under *Craspedia coriaria* [Wiedemann]) that the genus-group name on the plate (‘*Blepharis*’) for *coriaria* Wiedemann is merely an alternate spelling of *Craspedia* and not a separate proposal of a genus-group name, thus it is an unavailable name, **n. stat.** This is a case of the plates having been engraved before the text was finalized, so any changes to such names on the plates could only be done in the text.

41. *Blepharitarsis* Macquart, 1844: 254(411).

ORIGINALLY INCLUDED SPECIES: *Blepharitarsis ornatus* Macquart, 1844.

TYPE SPECIES: *Blepharitarsis ornatus* Macquart, 1844, by monotypy.

CURRENT STATUS: Junior synonym of *Dryxo* Robineau-Desvoidy, 1830 [*teste* Mathis & Zatwarnicki (1995: 116)].
FAMILY: EPHYDRIDAE.
EMENDATIONS: *Blepharotarsus* Agassiz, 1846b: 48 (unjustified).

[*Bombilius*] **Macquart, 1846: plate 10 [1851c: 351].**

CURRENT STATUS: Incorrect subsequent spelling of *Bombylius* Linnaeus, 1758 or subsequent usage of *Bombilius* Dufour, 1833.

FAMILY: BOMBYLIIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar changes in spelling of two or more names from “y” to “i” in the same work, the earliest emendation (unjustified) of *Bombylius* Linnaeus, 1758 we have found using the spelling ‘*Bombilius*’ is *Bombilius* Dufour, 1833: 215, which was made available by virtue of similar spelling changes in two or more names from “y” to “i” in the same work [*teste* O’Hara *et al.* (2011: 39)].

[*Bonnellia*] **Macquart, 1834b: 182(318).**

CURRENT STATUS: Incorrect subsequent spelling of *Bonellia* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Brachitarsina*] **Macquart, 1851b: 281, 289 [1851c: 307, 315].**

CURRENT STATUS: Incorrect original spelling of *Brachytarsina* Macquart, 1851b [*teste* O’Hara *et al.* (2011: 42)].

FAMILY: HIPPOBOSCIDAE.

42. *Brachygasterina* Macquart, 1851b: 232 [1851c: 258].

ORIGINALLY INCLUDED SPECIES: *Brachygasterina violaceiventris* Macquart, 1851b.

TYPE SPECIES: *Brachygasterina violaceiventris* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Carvalho *et al.* (2005: 50)].

FAMILY: MUSCIDAE.

43. *Brachypalpus* Macquart, 1834a: 523.

ORIGINALLY INCLUDED SPECIES: *Musca segnis* Linnaeus, 1758; *Xylota bimaculata* Macquart, 1828; *Musca femoratus* Linnaeus, 1758; *Syrphus valgus* Panzer, 1798 (as “*Brachypalpus valgus*.—*Xylota* id. Meig. n°. 7” with “*Merodon femoratus* Fab. S. Antl. n°. 4.—*Syrphus* id. Fall. n°. 11” in synonymy); *Brachypalpus tuberculatus* Macquart, 1834a.

TYPE SPECIES: *Brachypalpus tuberculatus* Macquart, 1834a (as “*Brachipalpus Tuberculatus* Mac.”), by subsequent designation (Rondani 1845a: 456).

CURRENT STATUS: Valid genus [*teste* Peck (1988: 219)].

FAMILY: SYRPHIDAE.

REMARKS: An earlier type designation by Westwood (1840: 136) of *Musca femoratus* Linnaeus, 1758 is invalid as it was listed with a question mark.

EMENDATIONS: *Brachipalpus* Rondani, 1845a: 456 (unjustified).

44. *Brachypalpus* Macquart, 1851b: 233 [1851c: 259].

ORIGINALLY INCLUDED SPECIES: *Brachypalpus pilosus* Macquart, 1851b.

TYPE SPECIES: *Brachypalpus pilosus* Macquart, 1851b, by original designation.

CURRENT STATUS: Preoccupied by *Brachypalpus* Macquart, 1834; *Brachypalpus* Laporte, 1840; senior (but invalid) synonym of *Palpibracus* Rondani, 1863 [*teste* Carvalho *et al.* (2005: 54)].

FAMILY: MUSCIDAE.

EMENDATIONS: *Brachipalpus* Rondani, 1863: 35 (unjustified).

45. *Brachyrhopala* Macquart, 1847a: 51(67).

ORIGINALLY INCLUDED SPECIES: *Brachyrhopala ruficornis* Macquart, 1847a.

TYPE SPECIES: *Brachyrhopala ruficornis* Macquart, 1847a, by original designation.

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 485)].

FAMILY: ASILIDAE.

EMENDATIONS: *Brachyrrhopala* Kertész, 1909a: 142 (unjustified).

46. *Brachystylum* Macquart, 1855f: 199.

ORIGINALLY INCLUDED SPECIES: *Brachystylum nigrum* Macquart, 1855f.

TYPE SPECIES: *Brachystylum nigrum* Macquart, 1855f, by original designation.

CURRENT STATUS: Placed in “Doubtful taxa in Tachinidae” [*teste* Herting & Dely-Draskovits (1993: 435)].

FAMILY: TACHINIDAE.

REMARKS: Herting & Dely-Draskovits (1993: 435) gave the method of typification of *Brachystylum* Macquart, 1855f as by monotypy, but this is incorrect. A check of Macquart (1855f: 199) shows that there is the following statement: “*Le type à été trouvé dans la Belgique par M. Demoulin*”. This matches the type locality and collector of the only originally included species, *Brachystylum nigrum* Macquart, 1855f. This suffices as an original designation.

47. *Brachytarsina* Macquart, 1851b: 280 [1851c: 306].

ORIGINALLY INCLUDED SPECIES: *Brachytarsina flavipennis* Macquart, 1851b.

TYPE SPECIES: *Brachytarsina flavipennis* Macquart, 1851b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 71)].

FAMILY: HIPPOBOSCIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1851b): *Brachytarsina* (pages 280, 281) and *Brachitarsina* (pages 281, 289). Acting as First Reviser, O’Hara *et al.* (2011: 42) selected *Brachytarsina* as the correct original spelling.

48. *Cadicera* Macquart, 1855b: 22(42).

ORIGINALLY INCLUDED SPECIES: *Cadicera rubramarginata* Macquart, 1855b (as “*Cadicera rubra-marginata*”).

TYPE SPECIES: *Cadicera rubramarginata* Macquart, 1855b (as “*Cadicera rubra-marginata*”), by original designation.

CURRENT STATUS: Junior synonym of *Phara* Walker, 1850 (currently a subgenus of *Philoliche* Wiedemann, 1820b [*teste* Chainey & Oldroyd (1980: 288)]).

FAMILY: TABANIDAE.

REMARKS: Chainey & Oldroyd (1980: 288) gave the method of typification of *Cadicera* Macquart, 1855b as by monotypy, but this is incorrect. A check of Macquart (1855b: 23) shows that there is the following statement: “*Le type est de l’Océanie*”. This refers to the only originally included species, *Cadicera rubramarginata* Macquart, 1855b, which was listed as being from “*l’Océanie*”. This suffices as an original designation. There are two original spellings for the nominal type species in Macquart (1855b): *rubramarginata* (page 23) and *rubromarginata* in the index (page 132) and the “*Explication des Figures*” (page 129). Acting as **First Reviser**, we select *rubramarginata* as the correct original spelling.

[*Caenomyia*] **Macquart, 1855b: 38(58).**

CURRENT STATUS: Incorrect subsequent spelling of *Coenomyia* Latreille, 1797 or subsequent usage of ‘*Caenomyia*’ of Fischer von Waldheim (1813).

FAMILY: XYLOPHAGIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work. The earliest mention we have found in this study of *Coenomyia* Latreille, 1797 using the spelling ‘*Caenomyia*’ is by Fischer von Waldheim (1813: 422), as an incorrect subsequent spelling.

49. *Caenosia* Macquart, 1835b: 343, 671 [1835c: 343, 671].

CURRENT STATUS: Unjustified emendation of *Coenosia* Meigen, 1826; junior synonym of *Coenosia* Meigen, 1826.

New synonymy.

FAMILY: MUSCIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “oe” to “ae” in the same work.

[*Callomya*] **Macquart, 1835b: 672 [1835c: 672].**

CURRENT STATUS: Incorrect subsequent spelling of *Callomyia* Meigen, 1804.

FAMILY: PLATYPEZIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “myia” to “mya” in the same work, Macquart (1835b: 19) also used the correct spelling of *Callomyia*. Because of the equivocal nature of the name in these works, we follow O’Hara *et al.* (2011: 44) in invoking ICZN Code Art. 33.5 and treating all usages of ‘*Callomya*’ by Macquart in the works above as incorrect subsequent spellings of *Callomyia* Meigen, 1804.

50. *Callostoma* Macquart, 1840a: 77 [1841: 355].

ORIGINALLY INCLUDED SPECIES: *Callostoma fascipennis* Macquart, 1840a.

TYPE SPECIES: *Callostoma fascipennis* Macquart, 1840a, by original designation.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 232)].

FAMILY: BOMBYLIIDAE.

EMENDATIONS: *Callistoma* Agassiz, 1846b: 60 (unjustified); *Callistoma* Bezzi, 1924: 3 (unjustified); *Callistoma* Paramonov, 1939: 26 (unjustified).

51. *Calobatelymyia* Macquart, 1855d: 33.

ORIGINALLY INCLUDED SPECIES: *Calobatelymyia nigra* Macquart, 1855d.

TYPE SPECIES: *Calobatelymyia nigra* Macquart, 1855d [= *Musca doronici* Scopoli, 1763, **new synonymy**], by original designation.

CURRENT STATUS: Junior synonym of *Morinia* Robineau-Desvoidy, 1830 [*teste* Peris & González-Mora (2004: 139)].

FAMILY: CALLIPHORIDAE.

REMARKS: Herting (1993: 104) and Peris & González-Mora (2004: 139) gave the senior synonym of the type species as *Musca melanoptera* Fallén, 1817. However, that name is preoccupied by *Musca melanoptera* Gmelin, 1790. Thompson & Pont (1994: 96) synonymized *Musca melanoptera* Fallén, 1817 with *Musca doronici* Scopoli, 1763 (as “*Morinia doronici* Scopoli”); thus *Calobatelymyia nigra* Macquart, 1855d becomes a junior synonym of *Musca doronici* Scopoli, 1763, **n. syn.**

52. *Campeprosopa* Macquart, 1850b: 350 [1851c: 46].

ORIGINALLY INCLUDED SPECIES: *Campeprosopa flavipes* Macquart, 1850b.

TYPE SPECIES: *Campeprosopa flavipes* Macquart, 1850b, by original designation.

CURRENT STATUS: Valid genus [*teste* Woodley (2001: 154)].

FAMILY: STRATIOMYIDAE.

53. Campichoeta Macquart, 1835b: 547 [1835c: 547].

ORIGINALLY INCLUDED SPECIES: *Campichoeta rufipes* Macquart, 1835b.

TYPE SPECIES: *Campichoeta rufipes* Macquart, 1835b [= *Diastata obscuripennis* Meigen, 1830], by monotypy.

CURRENT STATUS: Valid genus [*teste* Mathis & Barraclough (2011: 252)].

FAMILY: DIASTATIDAE.

EMENDATIONS: *Campochaeta* Agassiz, 1846b: 62 (unjustified).

54. Campigaster Macquart, 1855b: 122(142).

ORIGINALLY INCLUDED SPECIES: *Campigaster testaceus* Macquart, 1855b.

TYPE SPECIES: *Campigaster testaceus* Macquart, 1855b, by monotypy.

CURRENT STATUS: Junior synonym of *Duomyia* Walker, 1849 [*teste* McAlpine (2001: 162)].

FAMILY: PLATYSTOMATIDAE.

55. Camptonevra Macquart, 1844: 200(357).

ORIGINALLY INCLUDED SPECIES: *Musca picta* Fabricius, 1781; *Trypeta obscura* Wiedemann, 1830.

TYPE SPECIES: *Musca picta* Fabricius, 1781, by original designation.

CURRENT STATUS: Junior synonym of *Delphinia* Robineau-Desvoidy, 1830 [*teste* Poole (1996: 204; as “*Camptoneura*”)].

FAMILY: ULIDIIDAE.

EMENDATIONS: *Camptoneura* Agassiz, 1846a: 6 (unjustified).

[Camptosia] Macquart, 1840a: plate 14, figure 1 [1841: plate 14, figure 1].

CURRENT STATUS: Incorrect original spelling of *Comptosia* Macquart, 1840a [*teste* Macquart (1851c: 350)].

FAMILY: BOMBYLIIDAE.

56. Campylocera Macquart, 1844: 220(377).

ORIGINALLY INCLUDED SPECIES: *Campylocera ferruginea* Macquart, 1844.

TYPE SPECIES: *Campylocera ferruginea* Macquart, 1844, by original designation.

CURRENT STATUS: Valid genus [*teste* Korneyev (2004: 36)].

FAMILY: PYRGOTIDAE.

EMENDATIONS: *Campilocera* Shi, 1998: 575, 581 (unjustified).

57. Cardiacephala Macquart, 1844: 242(399).

ORIGINALLY INCLUDED SPECIES: *Musca longipes* Fabricius, 1787 (as “*Nerius longipes*, Fab., *Calobata id.* Wied.”).

TYPE SPECIES: *Musca longipes* Fabricius, 1787 (as “*Nerius longipes*, Fab., *Calobata id.* Wied.”) [preoccupied by *Musca longipes* Scopoli, 1763; = *Calobata guttata* Walker, 1853], by original designation.

CURRENT STATUS: Valid genus [*teste* Ferro & Carvalho (2014: 5)].

FAMILY: MICROPEZIDAE.

EMENDATIONS: *Cardiocephala* Agassiz, 1846b: 65 (unjustified).

58. Cardiacera Macquart, 1847a: 92(108).

ORIGINALLY INCLUDED SPECIES: *Cardiacera dispar* Macquart, 1847a.

TYPE SPECIES: *Cardiacera dispar* Macquart, 1847a, by original designation.

CURRENT STATUS: Valid genus [*teste* Pitkin (1989b: 499)].

FAMILY: PYRGOTIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1847a): *Cardiacera* (page 108) and *Cardiocera* (page 108). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1851c: 362) acted as First Reviser and selected *Cardiacera* as the correct original spelling. Verrall *in* Scudder (1882: 60) [also noted by Scudder (1884: 54)] selected *Cardiocera* as the correct original spelling, but this was later.

[*Cardiocera*] **Macquart, 1847a: 92(108).**

CURRENT STATUS: Incorrect original spelling of *Cardiacera* Macquart, 1847a [*teste* Macquart (1851c: 362)].

FAMILY: PYRGOTIDAE.

[*Caricca*] **Macquart, 1835b: 344 [1835c: 344].**

CURRENT STATUS: Incorrect subsequent spelling of *Caricea* Robineau-Desvoidy, 1830.

FAMILY: MUSCIDAE.

REMARKS: The errata in Macquart (1835c: 708) indicates that the spelling ‘*Caricca*’ is a lapsus and not an emendation.

59. Cassidaemyia Macquart, 1835b: 162 [1835c: 162].

ORIGINALLY INCLUDED SPECIES: *Dufouria clausa* Robineau-Desvoidy, 1830; *Tachina gagatina* Meigen, 1824; *Rhinophora tessellata* Robineau-Desvoidy, 1830; *Rhinophora nigripennis* Robineau-Desvoidy, 1830; *Tachina phaeoptera* Meigen, 1824; *Phanemyia musca* Robineau-Desvoidy, 1830 (as “*Cassidaemyia musca*.—*Phanemia id.* Rob. D. n°. 1”); *Feburia rapida* Robineau-Desvoidy, 1830; *Tachina forcipata* Meigen, 1824 (with *Dionaea forcipata* Robineau-Desvoidy, 1830 in synonymy); *Clelia agilis* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Tachina gagatina* Meigen, 1824, by subsequent designation (Westwood 1840: 139).

CURRENT STATUS: Treated in “*Nomina dubia in Rhinophoridae*” by Herting (1993: 117).

FAMILY: RHINOPHORIDAE.

EMENDATIONS: *Cassidemyia* Rondani, 1861: 85, 87 (unjustified); *Cassidomyia* Bezzi & Stein, 1907: 329 (unjustified).

[*Cassidemyia*] **Macquart, 1855a: 741.**

CURRENT STATUS: Incorrect subsequent spelling of *Cassidaemyia* Macquart, 1835b.

FAMILY: RHINOPHORIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

60. Catapicephala Macquart, 1851b: 210 [1851c: 236].

ORIGINALLY INCLUDED SPECIES: *Catapicephala splendens* Macquart, 1851b.

TYPE SPECIES: *Catapicephala splendens* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 76)].

FAMILY: CALLIPHORIDAE.

REMARKS: Sabrosky (1999: 76) was unsure of the method of typification of *Catapicephala* Macquart, 1851b, while James (1977: 532) gave it as by monotypy, but this is incorrect. A check of Macquart (1851b: 210) shows that there is the following statement: “*Le type est de Java*”. This refers to the only included species, *Catapicephala splendens* Macquart, 1851b, which is listed as being from “*Java*”. This suffices as an original designation.

[*Cephenemya*] **Macquart, 1835b: 672 [1835c: 672].**

CURRENT STATUS: Incorrect subsequent spelling of *Cephenemyia* Latreille, 1818 or subsequent usage of *Cephenemya* Robineau-Desvoidy, 1830.

FAMILY: OESTRIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “myia” to “mya” in the same work, the earliest emendation (unjustified) of *Cephenemyia* Latreille, 1818 we have found using the spelling ‘*Cephenemya*’ is *Cephenemya* Robineau-Desvoidy, 1830: 26, which was made available by virtue of similar spelling changes in two or more names from “myia” to “mya” in the same work [*teste* Evenhuis *et al.* (2010b: 54)].

61. *Ceromyia* Macquart, 1834b: 176(312).

CURRENT STATUS: Unjustified emendation of *Ceromya* Robineau-Desvoidy, 1830; junior synonym of *Ceromya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

[*Ceroplatus*] **Macquart, 1826a: 101(45) [1834a: 141; 1850c: 462; 1851c: 338].**

CURRENT STATUS: Incorrect subsequent spelling of *Keroplatus* Bosc, 1792 or subsequent usage of ‘*Ceroplatus*’ of Fabricius (1798).

FAMILY: KEROPLATIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works. The earliest mention of *Keroplatus* Bosc, 1792 that we have found in this study using the spelling ‘*Ceroplatus*’ is by Fabricius (1798: 550) as an incorrect subsequent spelling.

62. *Ceroptera* Macquart, 1835b: 564 [1835c: 564].

ORIGINALLY INCLUDED SPECIES: *Borborus rufitarsis* Meigen, 1830.

TYPE SPECIES: *Borborus rufitarsis* Meigen, 1830, by original designation.

CURRENT STATUS: Valid genus [*teste* Roháček *et al.* in Roháček (2001: 129)].

FAMILY: SPHAEROCERIDAE.

REMARKS: Roháček *et al.* in Roháček (2001: 129) gave the method of typification of *Ceroptera* Macquart, 1835b as by monotypy, but this is incorrect. A check of Macquart (1835b: 564) shows that there is the following statement: “*Le Borborus rufitarsis, Meigen, est le type de ce genre*”, which is clearly an original designation.

63. *Ceroxys* Macquart, 1835b: 437 [1835c: 437].

ORIGINALLY INCLUDED SPECIES: *Meckelia elegans* Robineau-Desvoidy, 1830; *Musca urticae* Linnaeus, 1758; *Musca crassipennis* Fabricius, 1794 (as “*Ceroxys crassipennis*.—*Ortalis id.* Fall. n°. 2.—Meig. n°. 1.—*Scatophaga id.* Fab. S. Antl. n°. 26”; with *Meliera gangraenosa* Robineau-Desvoidy, 1830 in synonymy); *Ortalis omissa* Meigen, 1826; *Ceroxys quinque maculata* Macquart, 1835b; *Scatophaga marmorea* Fabricius, 1805 (as “*Scatophaga marmorea*”); *Meliera pulicaria* Robineau-Desvoidy, 1830; *Ceroxys scutellata* Macquart, 1835b.

TYPE SPECIES: *Musca urticae* Linnaeus, 1758, by subsequent designation (Westwood 1840: 149).

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 81)].

FAMILY: ULIDIIDAE.

64. *Chelifera* Macquart, 1823: 150.

ORIGINALLY INCLUDED SPECIES: *Chelifera raptor* Macquart, 1823.

TYPE SPECIES: *Chelifera raptor* Macquart, 1823 [= *Hemerodromia monostigma* Meigen, 1822], by monotypy.
CURRENT STATUS: Valid genus [*teste* Yang *et al.* (2007: 258)].
FAMILY: EMPIDIDAE.

65. *Cheligaster* Macquart, 1835b: 479 [1835c: 479].

ORIGINALLY INCLUDED SPECIES: *Musca putris* Linnaeus, 1758 (as “*Cheligaster putris*.—*sepsis id.* Fall. no. 1.—Meig. no. 15”; with *Themira pilosa* Robineau-Desvoidy, 1830 and *Musca fimeti* Linnaeus, 1760 in synonymy); *Themira phantasma* Robineau-Desvoidy, 1830; *Sepsis leachi* Meigen, 1826 (as “*Cheligaster Leachii*.—*Sepsis id.* Meig. n°. 14”).

TYPE SPECIES: *Musca putris* Linnaeus, 1758, by subsequent designation (Duponchel *in d’Orbigny* 1843: 453).

CURRENT STATUS: Junior synonym of *Themira* Robineau-Desvoidy, 1830 [*teste* Pont & Meier (2002: 49)].

FAMILY: SEPSIDAE.

REMARKS: Previous published catalogs [e.g., Steyskal (1965a: 684), Zуска & Pont (1984: 164)] cited the subsequent type designation as by Coquillett (1910: 507), but this is incorrect. Evenhuis & Thompson (1990: 234) found an earlier designation of the same type species by Duponchel *in d’Orbigny* (1843: 453), which was followed by Pont & Meier (2002: 49).

66. *Chelipoda* Macquart, 1823: 148.

ORIGINALLY INCLUDED SPECIES: *Tachydromia mantispa* Panzer, 1806 (with “*Sicus raptor*, Latr.”, 1806 in synonymy); *Chelipoda minor* Macquart, 1823.

TYPE SPECIES: Hereby fixed by **present designation** under ICZN Code Art. 70.3.2 as *Tachydromia vocatoria* Fallén, 1815, misidentified as *Tachydromia mantispa* Panzer, 1806 [*teste* Plant (2011: 95)] in the original fixation by original designation by Macquart (1823: 148).

CURRENT STATUS: Valid genus [*teste* Plant (2011: 95)].

FAMILY: EMPIDIDAE.

67. *Chenesia* Macquart, 1834a: 151.

ORIGINALLY INCLUDED SPECIES: *Chenesia testacea* Macquart, 1834a.

TYPE SPECIES: *Chenesia testacea* Macquart, 1834a, by monotypy.

CURRENT STATUS: Junior synonym of *Thaumalea* Ruthe, 1831 [*teste* Sabrosky (1999: 84)].

FAMILY: THAUMALEIDAE.

68. *Chetogaster* Macquart, 1851b: 198 [1851c: 224].

ORIGINALLY INCLUDED SPECIES: *Chetogaster violacea* Macquart, 1851b.

TYPE SPECIES: *Chetogaster violacea* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Barraclough (1992: 1143)].

FAMILY: TACHINIDAE.

REMARKS: The name ‘*Chetogaster*’ of Gervais (1838) is an incorrect subsequent spelling of *Chaetogaster* Baer, 1827 and not an emendation (*cf.* Crosskey 1973: 113). Cantrell & Crosskey (1989: 742) gave the method of typification of *Chetogaster* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 198) shows that there is the following statement: “*Le type du genre est de la Nouvelle-Hollande*”. This refers to the only included species, *Chetogaster violacea* Macquart, 1851b, which is listed as being from “*Nouvelle-Hollande*”. This suffices as an original designation.

[*Chetoprosopa*] Macquart, 1851b: 284 [1851c: 311].

CURRENT STATUS: Incorrect original spelling of *Choeteprosopa* Macquart, 1851b [*teste* this work].

FAMILY: TACHINIDAE.

69. *Chiromysa* Macquart, 1835b: 673 [1835c: 673].

CURRENT STATUS: Unjustified emendation of *Chiromyza* Wiedemann, 1820a; junior synonym of *Chiromyza* Wiedemann, 1820a. **New synonymy.**

FAMILY: STRATIOMYIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “myza” to “mysa” in the same work.

[Chironoma] Macquart, 1826a: 190(134).

CURRENT STATUS: Incorrect subsequent spelling of *Chironomus* Meigen, 1803.

FAMILY: CHIRONOMIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “us” to “a” in the same work, Macquart (1826a: 209) also used the correct spelling of *Chironomus*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Chironoma*’ in Macquart (1826a) as incorrect subsequent spellings of *Chironomus* Meigen, 1803.

70. *Chlorogaster* Macquart, 1851b: 157 [1851c: 183].

ORIGINALLY INCLUDED SPECIES: *Chlorogaster tasmanensis* Macquart, 1851b.

TYPE SPECIES: *Chlorogaster tasmanensis* Macquart, 1851b, by original designation.

CURRENT STATUS: Preoccupied by *Chlorogaster* Swainson, 1839; senior (but invalid) synonym of *Tasmaniomyia* Townsend, 1916b (*teste* Cantrell & Crosskey (1989: 779)).

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 779) gave the method of typification of *Chlorogaster* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 158) shows that there is the following statement: “*Le type est de la Tasmanie*”. This refers to the only included species, *Chlorogaster tasmanensis* Macquart, 1851b, which is listed as being from “*Tasmanie*”. This suffices as an original designation.

71. *Choeteprosopa* Macquart, 1851b: 169 [1851c: 195].

ORIGINALLY INCLUDED SPECIES: *Choeteprosopa cyanea* Macquart, 1851b.

TYPE SPECIES: *Choeteprosopa cyanea* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 183)].

FAMILY: TACHINIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1851b): *Choeteprosopa* (page 169) and *Chetoprosopa* (page 284). Acting as **First Reviser**, we select *Choeteprosopa* as the correct original spelling.

EMENDATIONS: *Chaetoprosopa* Marschall, 1873: 325 (unjustified).

72. *Choetura* Macquart, 1851b: 244 [1851c: 270].

ORIGINALLY INCLUDED SPECIES: *Choetura rufipes* Macquart, 1851b.

TYPE SPECIES: *Choetura rufipes* Macquart, 1851b, by original designation.

CURRENT STATUS: Senior synonym of (but treated under) *Neodexiopsis* Malloch, 1920 [*teste* Carvalho *et al.* (2005: 188)].

FAMILY: MUSCIDAE.

REMARKS: *Choetura* Macquart, 1851b antedates *Neodexiopsis* Malloch, 1920. Carvalho *et al.* (2005: 188) stated that an application will be made to the ICZN Commission to suppress *Choetura* Macquart, 1851b in order to conserve the more commonly used *Neodexiopsis* Malloch, 1920.

73. *Chortophila* Macquart, 1835b: 323 [1835c: 323].

ORIGINALLY INCLUDED SPECIES: *Adia oralis* Robineau-Desvoidy, 1830; *Anthomyia dissecta* Meigen, 1826; *Nerina cinerea* Robineau-Desvoidy, 1830; *Nerina albipennis* Robineau-Desvoidy, 1830; *Nerina prompta* Robineau-Desvoidy, 1830; *Chortophila caesia* Macquart, 1835b; *Anthomyia varicolor* Meigen, 1826; *Chortophila frontalis* Macquart, 1835b; *Phorbia musca* Robineau-Desvoidy, 1830; *Chortophila tibialis* Macquart, 1835b (with *Phorbia grisea* Robineau-Desvoidy, 1830 in synonymy); *Chortophila geniculata* Macquart, 1835b; *Chortophila floccosa* Macquart, 1835b; *Anthomyia aterrima* Meigen, 1826; *Anthomyia melanura* Meigen, 1826; *Anthomyia sepia* Meigen, 1826; *Chortophila angusta* Macquart, 1835b; *Chloe silvicola* Robineau-Desvoidy, 1830; *Leucophora grisea* Robineau-Desvoidy, 1830; *Leucophora floralis* Robineau-Desvoidy, 1830; *Leucophora sericea* Robineau-Desvoidy, 1830; *Leucophora cinerea* Robineau-Desvoidy, 1830; *Chortophila lasiophthalma* Macquart, 1835b.

TYPE SPECIES: *Anthomyia sepia* Meigen, 1826, by subsequent designation (Westwood 1840: 142).

CURRENT STATUS: Junior synonym of *Phorbia* Robineau-Desvoidy, 1830 [teste Dely-Draskovits (1993: 92)].

FAMILY: ANTHOMYIIDAE.

EMENDATIONS: *Chortofila* Rondani, 1843: 155 (unjustified); *Chorthophila* Rondani, 1856: 96 (unjustified).

74. *Chrisochlora* Macquart, 1835b: 674 [1835c: 674].

CURRENT STATUS: Unjustified emendation of *Chrysochlora* Latreille, 1829; junior synonym of *Chrysochlora* Latreille, 1829. **New synonymy.**

FAMILY: STRATIOMYIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work.

75. *Chrysomyia* Macquart, 1834a: 262.

ORIGINALLY INCLUDED SPECIES: *Musca formosa* Scopoli, 1763 (as “*Chrysomyia formosa*.—*Sargus* id. Meig. n°. 8”, with *Nemotelus auratus* De Geer, 1776 [as “*Sargus auratus* ♂”] and *Sargus xanthopterus* Meigen, 1804 [as “*Sargus xanthopterus* Fab. S. Antl. n°. 4 et 1.”) in synonymy; *Chrysomyia speciosa* Macquart, 1834a; *Musca polita* Linnaeus, 1758 (as “*Chrysomyia polita*. *Sargus* id. Fab. S. Antl. n°. 7, Meig. n°. 9”, with *Nemotelus auratus* De Geer, 1776 in synonymy); *Sargus flavicornis* Meigen, 1822; *Chrysomyia rufiventris* Macquart, 1834a.

TYPE SPECIES: *Musca polita* Linnaeus, 1758, by subsequent designation (Westwood 1840: 130).

CURRENT STATUS: Suppressed by action of I.C.Z.N. (1987: 148 [Opinion 1443]); senior (but invalid) synonym of *Microchrysa* Loew, 1855 [teste I.C.Z.N. (1987: 148)].

FAMILY: STRATIOMYIDAE.

REMARKS: *Chrysomyia* Macquart, 1834a is the earliest available name for the genus but in order to maintain nomenclatural and taxonomic stability, the I.C.Z.N. (1987: 148 [Opinion 1443]) suppressed the little-used *Chrysomyia* Macquart, 1834a in favor of *Microchrysa* Loew, 1855.

EMENDATIONS: *Chrysomya* Rondani, 1856: 168 (unjustified).

76. *Chrysomyia* Macquart, 1835b: 251 [1835c: 251].

CURRENT STATUS: Unjustified emendation of *Chrysomya* Robineau-Desvoidy, 1830; preoccupied by *Chrysomyia* Macquart, 1834a; junior synonym of *Chrysomya* Robineau-Desvoidy, 1830; junior homonym of *Chrysomyia* Macquart, 1834a [teste Evenhuis *et al.* (2010b: 57)].

FAMILY: CALLIPHORIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

[*Chrysopila*] **Macquart, 1850c: 483.**

CURRENT STATUS: Incorrect subsequent spelling of *Chrysopilus* Macquart, 1826b or subsequent usage of *Chrysopila* Rondani, 1844.

FAMILY: RHAGIONIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “us” to “a” in the same work, the earliest emendation (unjustified) of *Chrysopilus* Macquart, 1826 that we have found using the spelling ‘*Chrysopila*’ is *Chrysopila* Rondani, 1844: 105, which was made available by virtue of similar spelling changes in two or more names from “us” to “a” in the same work [*teste* O’Hara *et al.* (2011: 60)].

77. *Chrysopilus* Macquart, 1826b: 403(82).

ORIGINALLY INCLUDED SPECIES: *Atherix aurata* Fabricius, 1805 (with *Rhagio atratus* Fabricius, 1781 and *Rhagio tomentosus* Fabricius, 1794 in synonymy); *Leptis flaveola* Meigen, 1820 (with *Anthrax genius* Panzer, 1798 in synonymy); *Rhagio diadema* Fabricius, 1775 (with *Rhagio aureus* Meigen, 1804 in synonymy).

TYPE SPECIES: *Rhagio diadema* Fabricius, 1775, by subsequent designation (Westwood 1840: 134).

CURRENT STATUS: Valid genus [*teste* Kerr (2010: 75)].

FAMILY: RHAGIONIDAE.

REMARKS: Sherborn (1925: 1265) and Neave (1939: 729) erred in indicating that the spelling *Chrysopila* occurs in Macquart (1826b: 403). A check of this publication shows that this spelling does not exist in this work.

EMENDATIONS: *Chrysopyla* Macquart, 1840a: 31 (unjustified), **n. syn.**; *Chrysopila* Rondani, 1844: 105 (unjustified); *Chrysopila* Agassiz, 1846a: 8 (unjustified).

78. *Chrysopyla* Macquart, 1840a: 31, 121 [1841: 309, 399; 1846: 234(106); 1851c: 348].

CURRENT STATUS: Unjustified emendation of *Chrysopilus* Macquart, 1826b; junior synonym of *Chrysopilus* Macquart, 1826b. **New synonymy.**

FAMILY: RHAGIONIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “us” to “a” in the same work.

79. *Chrysosoma* Macquart, 1834b: 119(255) [1835b: 149; 1835c: 149].

TYPE SPECIES: *Tachina viridis* Fallén, 1810, automatic [by designation of the same species (by monotypy) for *Gymnocheta* Robineau-Desvoidy, 1830].

CURRENT STATUS: Preoccupied by *Chrysosoma* Guérin, 1831; unnecessary new replacement name for *Gymnocheta* Robineau-Desvoidy, 1830; junior synonym of *Gymnocheta* Robineau-Desvoidy, 1830 [*teste* O’Hara *et al.* (2009: 142)].

FAMILY: TACHINIDAE.

REMARKS: Herting & Dely-Draskovits (1993: 303) and O’Hara *et al.* (2009: 142) treated *Chrysosoma* Macquart, 1834b as a proposal of a separate genus-group name. However, because Macquart [1834b: 119(255)] placed *Gymnocheta* Robineau-Desvoidy, 1830 in synonymy with *Chrysosoma* and included in his new genus-group name the same single included species as in *Gymnocheta*, *Tachina viridis* Fallén, 1810, we treat this instead as a substitute name for *Gymnocheta* Robineau-Desvoidy, 1830.

80. *Chymophila* Macquart, 1834a: 485.

ORIGINALLY INCLUDED SPECIES: *Chymophila splendens* Macquart, 1834a.

TYPE SPECIES: *Chymophila splendens* Macquart, 1834a [= *Microdon fulgens* Wiedemann, 1830], by monotypy.

CURRENT STATUS: Junior synonym of *Microdon* Meigen, 1803 [*teste* Cheng & Thompson (2008: 36)].

FAMILY: SYRPHIDAE.

[Chysotus] **Macquart, 1850c: 489.**

CURRENT STATUS: Incorrect subsequent spelling of *Chrysotus* Meigen, 1824.

FAMILY: DOLICHOPODIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

81. *Cleigaster* Macquart, 1844: 183(340).

CURRENT STATUS: Unjustified emendation of *Cleigastra* Macquart, 1835b; junior synonym of *Cleigastra* Macquart, 1835b. **New synonymy.**

FAMILY: SCATHOPHAGIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “gastra/gastera” [feminine suffix] to “gaster” [masculine suffix] in the same work.

82. *Cleigastra* Macquart, 1835b: 384 [1835c: 384].

ORIGINALLY INCLUDED SPECIES: *Cordylura apicalis* Meigen, 1826; *Cordylura nigrita* Meigen, 1826; *Cordylura obscura* Meigen, 1826; *Cordylura macrocera* Meigen, 1826; *Cordylura latipalpis* Meigen, 1826; *Cordylura hydromyzina* Meigen, 1826; *Musca livens* Fabricius, 1794; *Cordylura spinipes* Meigen, 1826; *Cordylura punctipes* Meigen, 1826; *Cordylura flavipes* Fallén, 1819; *Cordylura fasciata* Meigen, 1826; *Cordylura liturata* Meigen, 1826; *Cordylura flavicornis* Meigen, 1826; *Cleigastra frontalis* Macquart, 1835b; *Cleigastra bicolor* Macquart, 1835b.

TYPE SPECIES: *Cordylura apicalis* Meigen, 1826, by subsequent designation (Westwood 1840: 144).

CURRENT STATUS: Valid genus [*teste* Šifner (2008: 148)].

FAMILY: SCATHOPHAGIDAE.

EMENDATIONS: *Cleigaster* Macquart, 1844: 183 (unjustified), **n. syn.**; *Clidogastra* Agassiz, 1846b: 89 (unjustified); *Clidogastra* Becker, 1905: 19 (unjustified).

83. *Cleitamia* Macquart, 1835b: 440 [1835c: 440].

ORIGINALLY INCLUDED SPECIES: *Ortalis astrolabei* Boisduval, 1835 (as “*Cleitamia Astrolabei*, Boisduval, II^e livr.”).

TYPE SPECIES: *Ortalis astrolabei* Boisduval, 1835 (as “*Cleitamia Astrolabei*, Boisduval, II^e livr.”), by monotypy.

CURRENT STATUS: Valid genus [*teste* McAlpine (2001: 171)].

FAMILY: PLATYSTOMATIDAE.

REMARKS: Previous works [e.g., Evenhuis (1989: 487), McAlpine (2001: 171)] attributed the authorship of the type species to Macquart based on preliminary dating of the works of Macquart (1835b) versus Boisduval (1835). However, the earliest date known for the publication of Boisduval (1835) is 27 March 1835 [see Evenhuis (1997: 104)] and the earliest known date of publication for Macquart (1835b) was a few days later, on 1 April 1835 [see Evenhuis (1997: 512)]. It is most likely that Macquart was in contact with Boisduval and saw his manuscript and credited Boisduval’s new species, not knowing which of their two works would be published first. Thus, Macquart was not proposing a new species but was citing the species described by Boisduval (1835) and placing it in his new genus *Cleitamia* Macquart, 1835.

[Clenorhynchus] **Macquart, 1856: 149(397).**

CURRENT STATUS: Incorrect subsequent spelling of *Clinorhyncha* Loew, 1850.

FAMILY: CECIDOMYIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[Clinorhynchus] **Macquart, 1856: 152(400).**

CURRENT STATUS: Incorrect subsequent spelling of *Clinorhyncha* Loew, 1850.

FAMILY: CECIDOMYIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

84. *Clyto* Macquart, 1835b: 232 [1835c: 232].

CURRENT STATUS: Unjustified emendation of *Clytho* Robineau-Desvoidy, 1830; junior synonym of *Clytho* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “th” to “t” in the same work.

85. *Cnemacantha* Macquart, 1835b: 586 [1835c: 586].

ORIGINALLY INCLUDED SPECIES: *Heteroneura muscaria* Fallén, 1823a (as “*Cnemacantha muscaria*.—*Heteronevra id.* Fall. n°. 1”).

TYPE SPECIES: *Heteroneura muscaria* Fallén, 1823a (as “*Cnemacantha muscaria*.—*Heteronevra id.* Fall. n°. 1”), by monotypy.

CURRENT STATUS: Valid genus [*teste* Papp (1984a: 205)].

FAMILY: LAUXANIIDAE.

86. *Codula* Macquart, 1850b: 374 [1851c: 70].

ORIGINALLY INCLUDED SPECIES: *Codula limbipennis* Macquart, 1850b; *Codula fenestrata* Macquart, 1850b.

TYPE SPECIES: *Codula limbipennis* Macquart, 1850b, by original designation.

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 500)].

FAMILY: ASILIDAE.

[*Coeroxys*] *Macquart*, 1848b: 222(62).

CURRENT STATUS: Incorrect subsequent spelling of *Ceroxys* Macquart, 1835b.

FAMILY: ULIDIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Coilometopa*] *Macquart*, 1850b: 471, plate 13, figure 7 [1851c: 167].

CURRENT STATUS: Incorrect original spelling of *Coiloprosopa* Macquart, 1850b [*teste* Williston (1887: 286)].

FAMILY: SYRPHIDAE.

87. *Coilometopia* Macquart, 1847a: 107(123).

ORIGINALLY INCLUDED SPECIES: *Coilometopia ferruginea* Macquart, 1847a.

TYPE SPECIES: *Coilometopia ferruginea* Macquart, 1847a [= *Scatophaga trimaculata* Fabricius, 1805], by monotypy.

CURRENT STATUS: Valid genus [*teste* Steyskal (1968a: 3)].

FAMILY: RICHARDIIDAE.

EMENDATIONS: *Coelometopia* Kertész, 1910: 281 (unjustified).

88. *Coiloprosopa* Macquart, 1850b: 449 [1851c: 145].

ORIGINALLY INCLUDED SPECIES: *Coiloprosopa nitida* Macquart, 1850b.

TYPE SPECIES: *Coiloprosopa nitida* Macquart, 1850b, by monotypy.

CURRENT STATUS: Junior synonym of *Psilota* Meigen, 1822 [*teste* Thompson & Vockeroth (1989: 454)].

FAMILY: SYRPHIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1850b): *Coiloprosopa* (page 449) and *Coilometopa* (page 471, plate 13, figure 7). Acting as First Reviser, Williston (1887: 286) selected *Coiloprosopa* as the correct original spelling.

EMENDATIONS: *Coeloprosopa* Kertész, 1910: 281 (unjustified).

89. *Comptosia* Macquart, 1840a: 80 [1841: 358].

ORIGINALLY INCLUDED SPECIES: *Comptosia fascipennis* Macquart, 1840a.

TYPE SPECIES: *Comptosia fascipennis* Macquart, 1840a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 252)].

FAMILY: BOMBYLIIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1840a): *Comptosia* (page 80) and *Camptosia* (plate 14, figure 1). By subsequent usage by the same author (ICZN *Code* Article 24.2.4), Macquart (1851c: 350) acted as First Reviser and selected *Comptosia* as the correct original spelling. Evenhuis (1991: 28) selected the same spelling, but this was later.

90. *Conopsida* Macquart, 1851b: 267 [1851c: 293].

ORIGINALLY INCLUDED SPECIES: *Cephalia femoralis* Wiedemann, 1830.

TYPE SPECIES: *Cephalia femoralis* Wiedemann, 1830, by monotypy.

CURRENT STATUS: Junior synonym of *Richardia* Robineau-Desvoidy, 1830 [*teste* Steyskal (1968a: 11)].

FAMILY: RICHARDIIDAE.

91. *Copestylum* Macquart, 1846: 252(124).

ORIGINALLY INCLUDED SPECIES: *Copestylum flaviventris* Macquart, 1846.

TYPE SPECIES: *Copestylum flaviventris* Macquart, 1846, by monotypy.

CURRENT STATUS: Valid genus [*teste* Poole (1996: 258)].

FAMILY: SYRPHIDAE.

92. *Cordyligaster* Macquart, 1844: 90(246)

ORIGINALLY INCLUDED SPECIES: *Dexia petiolata* Wiedemann, 1830.

TYPE SPECIES: *Dexia petiolata* Wiedemann, 1830, by original designation.

CURRENT STATUS: Valid genus [*teste* O'Hara & Wood (2004: 46)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Cordylogaster* Agassiz, 1846b: 99 (unjustified).

93. *Cordylura* Macquart, 1835b: 378 [1835c: 378; 1844: 183(340); 1850c: 538; 1851c: 361].

CURRENT STATUS: Unjustified emendation of *Cordilura* Fallén, 1810; junior synonym of *Cordilura* Fallén, 1810.

New synonymy.

FAMILY: SCATHOPHAGIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “i” to “y” in the same work.

94. *Craspedia* Macquart, 1838c: 82 [1839c: 198].

ORIGINALLY INCLUDED SPECIES: *Asilus coriarius* Wiedemann, 1830; *Craspedia audouinii* Macquart, 1838c.

TYPE SPECIES: *Asilus coriarius* Wiedemann, 1830, by subsequent designation (Daniels 1989c: 327).

CURRENT STATUS: Preoccupied by *Craspedia* Hübner, 1825; senior (but invalid) synonym of *Blepharotes*

Westwood in Duncan, 1840 [*teste* Geller-Grimm (2004: 475)].

FAMILY: ASILIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1838c): *Craspedia* (page 82) and *Blepharis* (plate 8, figure 1). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1851c: 345) acted as First Reviser and selected *Craspedia* as the correct original spelling. Daniels (1989c: 327) gave the method of typification of *Craspedia* Macquart, 1838c as by original designation, but this is incorrect. A check of Macquart (1838c) shows that there is no wording that can be construed as an original designation. The phrase “*La forme du corps, les élégantes touffes soyeuses qui bordent l’abdomen, l’ampleur de l’armure copulatrice, la brièveté du style des antennes sont les traits les plus saillants de ce type singulier*” is not a type-species designation, but is an indication of the most remarkable of the unique character states that distinguish the genus [= “*type singulier*”]. However, because there are two included species, a subsequent designation was needed and apparently the designation mentioned by Daniels (1989c: 327) of *Asilus coriarius* Wiedemann, 1830 is the earliest subsequent type species designation for *Craspedia* Macquart, 1838c.

95. *Craspedochoeta* Macquart, 1851b: 241 [1851c: 267].

ORIGINALLY INCLUDED SPECIES: *Anthomyia punctipennis* Wiedemann, 1830.

TYPE SPECIES: *Anthomyia punctipennis* Wiedemann, 1830, by original designation.

CURRENT STATUS: Junior synonym of *Anthomyia* Meigen, 1803 [*teste* Wang *et al.* (2014: 74)].

FAMILY: ANTHOMYIIDAE.

REMARKS: Dely-Draskovits (1993: 20) gave the method of typification of *Craspedochoeta* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 241) shows that there is the following statement: “*Le type est de Montevideo*”. This refers to the only included species, *Anthomyia punctipennis* Wiedemann, 1830, which is listed as being from “Montevideo”. This suffices as an original designation. Previously thought to be an incorrect subsequent spelling of *Craspedochoeta* Macquart, 1851b, *Craspedochaeta* of Marschall (1873: 326) [in Anthomyiidae] qualifies as an (unjustified) emendation. As an emendation, it is an available name and thus has priority over *Craspedochaeta* Czerny (1903: 108) [in Clusiidae]. The next available name to accommodate those species of Clusiidae previously placed in *Craspedochaeta* Czerny, 1903 [preoccupied by *Craspedochaeta* Marschall, 1873] is *Czernyola* Bezzi, 1907, **new status**, which Bezzi (1907: 52) ironically proposed as a new replacement name for *Craspedochaeta* Czerny, 1903, incorrectly thinking that it was preoccupied by *Craspedochoeta* Macquart, 1851b. It now can serve once again as the valid name for those species previously in *Craspedochaeta* Czerny, 1903, as well as those originally described in *Czernyola* Bezzi, 1907.

EMENDATIONS: *Craspedochaeta* Marschall, 1873: 326 (unjustified), **n. syn.** [see Appendix I].

96. *Crumomyia* Macquart, 1835b: 569 [1835c: 569].

ORIGINALLY INCLUDED SPECIES: *Borborus glacialis* Meigen, 1830.

TYPE SPECIES: *Borborus glacialis* Meigen, 1830, by original designation.

CURRENT STATUS: Valid genus [*teste* Norrbom *et al.* in Roháček (2001: 57)].

FAMILY: SPHAEROCERIDAE.

REMARKS: Norrbom *et al.* in Roháček (2001: 57) indicated the type fixation as by monotypy, but this is incorrect. A check of Macquart (1835b: 569) shows that there is the following statement: “*Le Borborus glacialis, de Meigen, est le type de ce genre*”, which is clearly an original designation.

97. *Cruphiocera* Macquart, 1844: 212(369).

ORIGINALLY INCLUDED SPECIES: *Cruphiocera violacea* Macquart, 1844.

TYPE SPECIES: *Cruphiocera violacea* Macquart, 1844, by monotypy.

CURRENT STATUS: Junior synonym of *Lamprogaster* Macquart, 1844 [*teste* McAlpine (2001: 139)].

FAMILY: PLATYSTOMATIDAE.

EMENDATIONS: *Cryphiocera* Agassiz, 1846b: 105 (unjustified).

98. *Ctenogyna* Macquart, 1838b: 42(46).

ORIGINALLY INCLUDED SPECIES: *Ctenogyna bicolor* Macquart, 1838b.

TYPE SPECIES: *Ctenogyna bicolor* Macquart, 1838b, by monotypy.

CURRENT STATUS: Valid subgenus of *Ptilogyna* Westwood, 1835 [*teste* Bugledich (1999: 509)].

FAMILY: TIPULIDAE.

99. *Ctenostylum* Macquart, 1851b: 140 [1851c: 168].

ORIGINALLY INCLUDED SPECIES: *Ctenostylum rufum* Macquart, 1851b.

TYPE SPECIES: *Ctenostylum rufum* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Pereira-Colavite & Mello (2014: 217)].

FAMILY: CTENOSTYLIDAE.

100. *Cuphocera* Macquart, 1845a: 267.

ORIGINALLY INCLUDED SPECIES: *Micropalpus ruficornis* Macquart, 1835b.

TYPE SPECIES: *Micropalpus ruficornis* Macquart, 1835b, by original designation.

CURRENT STATUS: Junior synonym of *Peleteria* Robineau-Desvoidy, 1830 [*teste* O'Hara & Cerretti (2016: 245)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Cyphocera* Mik, 1866: 309 (unjustified); *Cyphocera* Bezzi & Stein, 1907: 202 (unjustified).

101. *Curtocera* Macquart, 1835b: 182 [1835c: 182].

TYPE SPECIES: *Duvaucelia bicincta* Robineau-Desvoidy, 1830, automatic [by designation of the same species (by monotypy) for *Duvaucelia* Robineau-Desvoidy, 1830].

CURRENT STATUS: Unnecessary replacement name for *Duvaucelia* Robineau-Desvoidy, 1830; junior synonym of *Lophosia* Meigen, 1824 [*teste* O'Hara *et al.* (2009: 128)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Cyrtocera* Agassiz, 1846b: 108 (unjustified).

102. *Curtonevra* Macquart, 1834b: 10(146) [1835b: 274; 1835c: 274].

ORIGINALLY INCLUDED SPECIES: *Musca pabulorum* Fallén, 1817; *Musca stabulans* Fallén, 1817; *Muscina fungivora* Robineau-Desvoidy, 1830; *Curtonevra aptera* Macquart, 1835; *Curtonevra nigripalpis* Macquart, 1835b; *Musca hortorum* Fallén, 1817; *Curtonevra caerulescens* Macquart, 1835b (with *Morellia horticola* Robineau-Desvoidy, 1830 in synonymy); *Curtonevra curvipes* Macquart, 1835b; *Musca maculata* Scopoli, 1763 (as “*Curtonevra maculata*.—*Musca* id. Fab. S. Antl. N.º 14, ♂. Fall. N.º 27, Meig. N.º 48.”; with *Musca vulpina* Fabricius, 1775 in synonymy); *Musca meditabunda* Fabricius, 1781; *Curtonevra bimaculata* Macquart, 1835b; *Musca pratorum* Meigen, 1826 (with *Dasyphora agilis* Robineau-Desvoidy, 1830 in synonymy).

TYPE SPECIES: *Musca maculata* Scopoli, 1763 (as “*M. maculata* Fab.”), by subsequent designation (Westwood 1840: 141).

CURRENT STATUS: Junior synonym of *Graphomya* Robineau-Desvoidy, 1830 [*teste* Pont (1986: 162)].

FAMILY: MUSCIDAE.

EMENDATIONS: *Cyrtoneura* Meigen, 1838: 291 (unjustified); *Curtoneura* Westwood, 1840: 141 (unjustified); *Cyrtonevra* Agassiz, 1846b: 108 (unjustified), **n. syn.** [see Appendix I]; *Cyrthoneura* Rondani, 1863: 31 (unjustified); *Cyrtonevra* Bezzi, 1893: 350 (unjustified).

103. *Curtonotum* Macquart, 1844: 193(350).

ORIGINALLY INCLUDED SPECIES: *Musca gibba* Fabricius, 1805.

TYPE SPECIES: *Musca gibba* Fabricius, 1805 [preoccupied by *Musca gibba* Müller, 1776; = *Curtonotum taeniatum*

Hendel, 1913], by original designation.

CURRENT STATUS: Valid genus [*teste* Kirk-Spriggs & Wiegmann (2013: 54)].

FAMILY: CURTONOTIDAE.

EMENDATIONS: *Cyrtonotum* Agassiz, 1846b: 108 (unjustified).

104. *Cyclogaster* Macquart, 1834a: 256.

ORIGINALLY INCLUDED SPECIES: *Nemotelus villosus* Fabricius, 1794; *Stratiomys atrata* Fabricius, 1805.

TYPE SPECIES: *Nemotelus villosus* Fabricius, 1794, by subsequent designation (Blanchard 1840: 594).

CURRENT STATUS: Preoccupied by *Cyclogaster* Walbaum, 1792; junior synonym of *Lasiopa* Brullé, 1833 [*teste* Woodley (2001: 308)].

FAMILY: STRATIOMYIDAE.

REMARKS: Woodley (1982: 26) designated *Nemotelus villosus* Fabricius, 1794 as type species, but this was later.

As explained by Woodley (1982: 26), *Cyclogaster* Macquart, 1834a is not preoccupied by the fish name ‘*Cyclogaster*’ Gronovius, 1760, as that work is non-binominal (see also Cohen & Russo 1979: 101). ‘*Cyclogaster*’ also appeared in Gronovius (1763) but that work was suppressed for nomenclatural purposes by I.C.Z.N. (1954: 287 [Opinion 261]). However, the suppression of the work by the ICZN Commission did not suppress the names therein. This means that the names can be made available in another work given that the necessary criteria are fulfilled. The earliest publication that we have found in which the name *Cyclogaster* was made available is Walbaum (1792: 634), who gave a description of the genus and treated it as a valid taxon. Kirkaldy (1910) proposed *Neotropicalias* to replace *Cyclogaster* Macquart, 1834a, believing the latter to have been preoccupied. He was shown by Woodley (1982) to be incorrect about it being preoccupied by ‘*Cyclogaster*’ in Gronovius (1760) and Gronovius (1763), but he is here vindicated in his action that the name was indeed preoccupied, just by a different author and date.

105. *Cyclorhynchus* Macquart, 1840a: 114 [1841: 392].

ORIGINALLY INCLUDED SPECIES: *Cyclorhynchus testaceus* Macquart, 1840a.

TYPE SPECIES: *Cyclorhynchus testaceus* Macquart, 1840a, by original designation.

CURRENT STATUS: Preoccupied by *Cyclorhynchus* Sundevall, 1836; senior (but invalid) synonym of *Tmemophlebia* Evenhuis, 1986 [*teste* Evenhuis & Greathead (1999: 34)].

FAMILY: BOMBYLIIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1840a): *Cyclorhynchus* (page 114) and *Cyclorhynchus* (page 123). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1851c: 351) acted as First Reviser and selected *Cyclorhynchus* as the correct original spelling. Evenhuis (1986: 19) selected the same spelling, but this was later.

EMENDATIONS: *Cyclorrhynchus* Bezzi, 1924: 3 (unjustified); *Cyclorrhynchus* Paramonov, 1939: 26 (unjustified).

[*Cyclorhynchus*] **Macquart, 1840a: 123 [1841: 401].**

CURRENT STATUS: Incorrect original spelling of *Cyclorhynchus* Macquart, 1840a [*teste* Macquart (1851c: 151)].

FAMILY: BOMBYLIIDAE.

106. *Cylindrotoma* Macquart, 1834a: 107.

ORIGINALLY INCLUDED SPECIES: *Limnobia distinctissima* Meigen, 1818; *Limnobia macrocera* Say, 1823a (as “*Cylindrotoma macrocera*.—*Limnobia* id. Wied. Auss. Zweif. no. 19”); *Limnobia macroptera* Macquart, 1826a.

TYPE SPECIES: *Limnobia distinctissima* Meigen, 1818, by subsequent designation (Westwood 1840: 128).

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 103)].

FAMILY: CYLINDROTOMIDAE.

107. *Cynomyia* Macquart, 1834b: 40(176) [1835b: 233; 1835c: 233; 1844: 99(266); 1850c: 529; 1851c: 358; 1855b: 150(170)].

CURRENT STATUS: Unjustified emendation of *Cynomya* Robineau-Desvoidy, 1830; junior synonym of *Cynomya* Robineau-Desvoidy, 1830 [*teste* Evenhuis *et al.* (2010b: 61)].

FAMILY: CALLIPHORIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work. Neave (1939: 937) listed only *Cynomyia* Macquart (1835b: 233) as an emendation for *Cynomya* Robineau-Desvoidy, 1830, but Macquart’s (1834b: 40) emendation was earlier.

[*Cyrtonevra*] **Macquart, 1846: 328(200) [1850c: 531; 1851c: 360].**

CURRENT STATUS: Incorrect subsequent spelling of *Cyrtoneura* Meigen, 1838.

FAMILY: MUSCIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[*Cyrtonotum*] **Macquart, 1851c: 361.**

CURRENT STATUS: Incorrect subsequent spelling of *Curtonotum* Macquart, 1844 or subsequent usage of *Cyrtonotum* Agassiz, 1846b.

FAMILY: CURTONOTIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work. The earliest emendation (unjustified) of *Curtonotum* Macquart, 1844 that we have found using the spelling ‘*Cyrtonotum*’ is *Cyrtonotum* Agassiz, 1846b: 108 [*teste* Kirk-Spriggs & Wiegmann (2013: 54)].

108. *Dasybasis* Macquart, 1847a: 41(57).

ORIGINALLY INCLUDED SPECIES: *Dasybasis appendiculata* Macquart, 1847a.

TYPE SPECIES: *Dasybasis appendiculata* Macquart, 1847a, by original designation.

CURRENT STATUS: Valid genus [*teste* Daniels (1989a: 288)].

FAMILY: TABANIDAE.

109. *Dasyomma* Macquart, 1840a: 31 [1841: 309].

ORIGINALLY INCLUDED SPECIES: *Dasyomma caerulea* Macquart, 1840a.

TYPE SPECIES: *Dasyomma caerulea* Macquart, 1840a, by original designation.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 107)].

FAMILY: ATHERICIDAE.

REMARKS: James (1968: 4) gave the method of typification of *Dasyomma* Macquart, 1840 as by monotypy, but this is incorrect. A check of Macquart (1840a: 31) shows that there is the following statement: “*Un Diptère découvert au Chili par M. Gay présente les caractères propres aux Leptis, avec ces nombreuses différences qui ne permettent pas de le comprendre parmi eux. Nous le considérons donc comme type d’un nouveau genre, dont le nom exprime l’un des caractères principaux, les yeux velus*”. This refers to the only included species, *Dasyomma caerulea* Macquart, 1840a, which is listed as being from “Chili” and collected by Gay. This suffices as an original designation.

110. *Dasypalpus* Macquart, 1840a: 112 [1841: 390].

ORIGINALLY INCLUDED SPECIES: *Phthiria capensis* Wiedemann, 1828.

TYPE SPECIES: *Phthiria capensis* Wiedemann, 1828, by original designation.

CURRENT STATUS: Junior synonym of *Megapalpus* Macquart, 1834a [*teste* Bowden (1980: 406)].

FAMILY: BOMBYLIIDAE.

REMARKS: Evenhuis (1990a: 64) and Evenhuis & Greathead (1999: 223) erred in believing that the type species

was a misidentification for a new species “*Dasypalpus capensis* Macquart, 1840”. Macquart (1834a) proposed *Megapalpus* for the single included species, *Phthiria capensis* Wiedemann, 1828 and characterized the genus by the presence of large, hairy palpi: “*palpes filiformes, longs, velus*”. Macquart (1840a) described a second species of *Megapalpus*, *M. nitidus*, but it had bare palpi. Macquart therefore changed his mind thinking that *Megapalpus nitidus* was a better representative of *Megapalpus*, so changed the characterization of *Megapalpus* (Macquart, 1840a: 111): “*Palpes alongés, filiformes, nus*” and created *Dasypalpus* for specimens with a hairy palpus in *Phthiria capensis* Wiedemann, 1828 and stated “*Le nom générique exprime le caractère des palpes velus*”. In Macquart’s time, there were no rules of nomenclature to follow when changing generic concepts and included species. However, the current rules do not allow changing type species. Because both genus-group names have the exact same type species (*Phthiria capensis* Wiedemann, 1828), *Dasypalpus* Macquart, 1840a is an objective junior synonym of *Megapalpus* Macquart, 1834a.

[*Dejeunia*] **Macquart, 1851b: 283 [1851c: 310].**

CURRENT STATUS: Incorrect subsequent spelling of *Dejeania* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

111. *Demoticus* Macquart, 1854e: 442.

ORIGINALLY INCLUDED SPECIES: *Tachina plebeja* Fallén, 1810 (as “*Tachina plebeia*, Fall., Meig., Macq., Zetters.”).

TYPE SPECIES: *Tachina plebeja* Fallén, 1810 (as “*Tachina plebeia*, Fall., Meig., Macq., Zetters.”), by original designation.

CURRENT STATUS: Valid genus [*teste* O’Hara *et al.* (2009: 153)].

FAMILY: TACHINIDAE.

REMARKS: Herting & Dely-Draskovits (1993: 337) and O’Hara & Wood (2004: 259) gave the method of typification of *Demoticus* Macquart, 1854e as by monotypy, but this is incorrect. O’Hara *et al.* (2009: 153) correctly accepted the statement by Macquart (1854e: 442) “*Le nom générique traduit en grec le nom spécifique du type*”, which refers to the resulting combination of generic and specific names of the only included species (*Tachina plebeja* Fallén, 1810), as an original designation.

[*Deomyza*] **Macquart, 1826a: 221(165).**

CURRENT STATUS: Incorrect subsequent spelling of *Diomyza* Meigen, 1818.

FAMILY: CECIDOMYIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

112. *Diabasis* Macquart, 1834a: 207.

ORIGINALLY INCLUDED SPECIES: *Tabanus bicinctus* Fabricius, 1805; *Tabanus glaber* Wiedemann, 1828; *Haematopota curvipes* Fabricius, 1805; *Tabanus globicornis* Wiedemann, 1828.

TYPE SPECIES: *Tabanus bicinctus* Fabricius, 1805, by subsequent designation (Duponchel *in* d’Orbigny 1844: 717).

CURRENT STATUS: Preoccupied by *Diabasis* Hoffmannsegg, 1817; *Diabasis* Desmarest, 1823; junior synonym of *Diachlorus* Osten Sacken, 1876 [*teste* Coscarón & Papavero (2009b: 78)].

FAMILY: TABANIDAE.

113. *Diaphania* Macquart, 1844: 120(277)

ORIGINALLY INCLUDED SPECIES: *Diaphania testacea* Macquart, 1844.

TYPE SPECIES: *Diaphania testacea* Macquart, 1844, by monotypy.

CURRENT STATUS: Preoccupied by *Diaphania* Hübner, 1818; senior (but invalid) synonym of *Prodiaphania*

Townsend, 1927 [*teste* Sabrosky (1999: 255)].

FAMILY: TACHINIDAE.

114. *Diaphora* Macquart, 1834a: 447 [1835b: 677; 1835c: 677].

CURRENT STATUS: Unjustified emendation of *Diaphorus* Meigen, 1824; preoccupied by *Diaphora* Stephens, 1827; junior synonym of *Diaphorus* Meigen, 1824. **New synonymy.**

FAMILY: DOLICHOPODIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “us” to “a” in the same work.

115. *Diasema* Macquart, 1835b: 579 [1835c: 579].

ORIGINALLY INCLUDED SPECIES: *Diastata rufipes* Meigen, 1830.

TYPE SPECIES: *Diastata rufipes* Meigen, 1830, by original designation.

CURRENT STATUS: Valid genus [*teste* Chandler (1987: 41)].

FAMILY: CHLOROPIDAE.

REMARKS: This genus is missing from Nartshuk’s (1984) catalog of Palaearctic Chloropidae; however, the only included species, *Diastata rufipes* Meigen, 1830, is listed in Papp (1984b: 185) in the list of “*Nomina dubia*” in Diastatidae. Chandler (1987: 41) indicated that it may be a chloropid and we follow this placement.

[Dichaetometopia] Macquart, 1855b: 130(150).

CURRENT STATUS: Incorrect original spelling of *Dichoetometopia* Macquart, 1855b [*teste* this work].

FAMILY: SARCOPHAGIDAE.

116. *Dichelacera* Macquart, 1838b: 112(116).

ORIGINALLY INCLUDED SPECIES: *Tabanus cervicornis* Fabricius, 1805; *Tabanus damicornis* Fabricius, 1805; *Tabanus nigrum* Fabricius, 1805 (as “*T. nigrum*”); *Dichelacera binotata* Macquart, 1838b; *Dichelacera longicornis* Macquart, 1838b; *Dichelacera unifasciata* Macquart, 1838b; *Dichelacera immaculata* Macquart, 1838b.

TYPE SPECIES: *Tabanus cervicornis* Fabricius, 1805, by subsequent designation (Ricardo 1904: 365).

CURRENT STATUS: Valid genus [*teste* Coscarón & Papavero (2009b: 81)].

FAMILY: TABANIDAE.

REMARKS: Coquillett (1910: 533) designated *Dichelacera unifasciata* Macquart, 1838b as type species, but this was later.

EMENDATIONS: Coscarón & Papavero (2009b: 81) listed *Dichelocera* Enderlein, 1922: 346 as an emendation, but this is incorrect. A check of Enderlein (1922) shows that criteria for making this name available as an emendation were not fulfilled in this work, so ‘*Dichelocera*’ Enderlein, 1922 is an incorrect subsequent spelling, which is an unavailable name, **new status**.

117. *Dichoeta* Macquart, 1835b: 520, 677 [1835c: 520, 677; 1850c: 548].

CURRENT STATUS: Unjustified emendation of *Dichaeta* Meigen, 1830; junior synonym of *Dichaeta* Meigen, 1830 (currently a subgenus of *Notiphila* Fallén, 1810). **New synonymy.**

FAMILY: EPHYDRIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

118. *Dichoetometopia* Macquart, 1855b: 106(126).

ORIGINALLY INCLUDED SPECIES: *Dichoetometopia rufiventris* Macquart, 1855b.

TYPE SPECIES: *Dichoetometopia rufiventris* Macquart, 1855b [= *Hoplcephala tessellata* Macquart, 1846], by original designation.

CURRENT STATUS: Junior synonym of *Hoplcephala* Macquart, 1846 [teste Pape (1996: 89)].

FAMILY: SARCOPHAGIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1855b): *Dichoetometopia* (page 106) and *Dichaetometopia* (page 130). Acting as **First Reviser**, we select *Dichoetometopia* as the correct original spelling.

119. *Dichromya* Macquart, 1844: 264(421) [1850c: 550; 1851c: 364].

CURRENT STATUS: Unjustified emendation of *Dichromya* Robineau-Desvoidy, 1830; junior synonym of *Dichromya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: HELEOMYZIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work. Malloch (1933) did not study specimens, but treated *Dichromya* Robineau-Desvoidy (essentially as unplaced) in Ulidiidae simply to record the species. Although it is not listed in the Neotropical catalogs of either the Heleomyzidae (Gill 1968) or Otitidae [now Ulidiidae] (Steyskal 1968b), McAlpine (1985) listed the Neotropical *Dichromya* among other genus-group names of Heleomyzidae in his review of Australian genera of Heleomyzidae, and we follow that treatment here.

120. *Dicrania* Macquart, 1834a: 195.

ORIGINALLY INCLUDED SPECIES: *Pangonia cervus* Wiedemann, 1828; *Pangonia furcata* Wiedemann, 1828.

TYPE SPECIES: *Pangonia cervus* Wiedemann, 1828, by subsequent designation (Lutz 1909: 629).

CURRENT STATUS: Preoccupied by *Dicrania* Le Peletier & Audinet-Serville, 1828; junior synonym of *Elaphella* Bezzi, 1913 (currently a subgenus of *Pityocera* Giglio-Tos, 1896) [teste Coscarón & Papavero (2009b: 45)].

FAMILY: TABANIDAE.

REMARKS: Blanchard (1845: 470) proposed the new replacement name *Diplocus* for the preoccupied *Dicrania* Macquart, 1834, which would make *Diplocus* the next available name. However, because acceptance of this would have upset the stability of nomenclature and taxonomy of *Elaphella* Bezzi, 1913, application was made to the ICZN Commission, who (I.C.Z.N. 1958: 333 [Opinion 530]) suppressed *Diplocus* Blanchard, 1845 in order to conserve *Elaphella* Bezzi, 1913.

121. *Dicranophora* Macquart, 1834a: 255.

ORIGINALLY INCLUDED SPECIES: *Sargus furcifer* Wiedemann, 1828; *Dicranophora picta* Macquart, 1834a.

TYPE SPECIES: *Sargus furcifer* Wiedemann, 1828, by original designation.

CURRENT STATUS: Valid genus [teste Woodley (2001: 234)].

FAMILY: STRATIOMYIDAE.

REMARKS: In the second paragraph under the genus heading, Macquart (1834a: 255) discussed the first of the two included species, *Sargus furcifer* Wiedemann, 1828, as the “*type de ce nouveau genre*”. The paragraph immediately following states “*Je décris une seconde espèce [Dicranophora picta Macquart, 1834a] dont la pointe fourchue est beaucoup moins longue*”. Macquart (1838a: 195), Blanchard (1840a: 595), Duponchel in d’Orbigny (1844: 749), and Brauer (1882: 31) explicitly designated *Sargus furcifer* Wiedemann, 1828 as the type species, but these subsequent designations were unnecessary.

122. *Didea* Macquart, 1834a: 508.

ORIGINALLY INCLUDED SPECIES: *Didea fasciata* Macquart, 1834a.

TYPE SPECIES: *Didea fasciata* Macquart, 1834a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Peck (1988: 17)].

FAMILY: SYRPHIDAE.

[*Dilochopus*] **Macquart, 1850c: 493.**

CURRENT STATUS: Incorrect subsequent spelling of *Dolichopus* Latreille, 1797.

FAMILY: DOLICHOPODIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Dioscocerina*] **Macquart, 1835b: 528 [1835c: 528].**

CURRENT STATUS: Incorrect original spelling of *Discocerina* Macquart, 1835b [*teste* this work].

FAMILY: EPHYDRIDAE.

123. *Diphysa* Macquart, 1838b: 172(176).

ORIGINALLY INCLUDED SPECIES: *Xylophagus spiniger* Wiedemann, 1830; *Xylophagus rufipalpis* Wiedemann, 1830.

TYPE SPECIES: *Xylophagus rufipalpis* Wiedemann, 1830, by subsequent designation (Coquillett 1910: 534).

CURRENT STATUS: Preoccupied by *Diphysa* Blainville, 1830; senior (but invalid) synonym of *Archistratiomys* Enderlein, 1913. **New synonymy.**

FAMILY: STRATIOMYIDAE.

REMARKS: Woodley (1989: 304) designated the first of the two included species, *Xylophagus spiniger* Wiedemann, 1830, as the type species, which placed *Diphysa* in synonymy with *Exaireta* Schiner, 1867. This treatment was followed by Woodley (2001: 69). However, Woodley's (1989) designation was unnecessary as an earlier valid designation by Coquillett (1910: 534) of the second included species, *Xylophagus rufipalpis* Wiedemann, 1830, put *Diphysa* in synonymy with *Archistratiomys* Enderlein, 1913, **new synonymy**. This earlier designation by Coquillett (1910: 534) does not upset the nomenclature or taxonomy of either *Archistratiomys* Enderlein, 1913 or *Exaireta* Schiner, 1867.

124. *Discocephala* Macquart, 1838c: 50 [1839c: 166].

ORIGINALLY INCLUDED SPECIES: *Dioctria oculata* Fabricius, 1805 (as "*D. oculatus* ... Wied."); *Dasypogon rufithorax* Wiedemann, 1828; *Discocephala rufiventris* Macquart, 1838c.

TYPE SPECIES: *Discocephala rufiventris* Macquart, 1838c [= *Dasypogon abdominalis* Say, 1823b], by subsequent designation (Coquillett 1910: 534).

CURRENT STATUS: Preoccupied by *Discocephala* Laporte, 1832; senior (but invalid) synonym of *Holcocephala* Jaennicke, 1867 [*teste* Papavero (2009b: 135)].

FAMILY: ASILIDAE.

125. *Discocerina* Macquart, 1835b: 527 [1835c: 527].

ORIGINALLY INCLUDED SPECIES: *Notiphila pusilla* Meigen, 1830; *Notiphila flaviceps* Meigen, 1830; *Notiphila albilabris* Meigen, 1830; *Notiphila glabra* Meigen, 1830.

TYPE SPECIES: *Notiphila pusilla* Meigen, 1830 [= *Notiphila obscurella* Fallén, 1813], by subsequent designation (Cresson 1925: 253).

CURRENT STATUS: Valid genus [*teste* Mathis & Zatwarnicki (1995: 164)].

FAMILY: EPHYDRIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1835b): *Discocerina* (page 527) and *Dioscocerina* (page 528). Acting as **First Reviser**, we select *Discocerina* as the correct original spelling.

[*Dolichapus*] **Macquart, 1850b: 471 [1851c: 437].**

CURRENT STATUS: Incorrect subsequent spelling of *Dolichopus* Latreille, 1797.

FAMILY: DOLICHOPODIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

126. Dolichocephala Macquart, 1823: 147.

ORIGINALLY INCLUDED SPECIES: *Dolichocephala maculata* Macquart, 1823 (with *Tachydromia irrorata* Fallén, 1815 [as “*Hemerodromyia irrorata*”] in synonymy [on page 165]).

TYPE SPECIES: *Dolichocephala maculata* Macquart, 1823 [= *Tachydromia irrorata* Fallén, 1815], by monotypy.

CURRENT STATUS: Valid genus [*teste* Yang *et al.* (2007: 59)].

FAMILY: EMPIDIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1823): *Dolichocephala* (page 147) and *Dolichocephalus* (page 165). Acting as **First Reviser**, we select *Dolichocephala* as the correct original spelling.

[*Dolichocephalus*] **Macquart, 1823: 165.**

CURRENT STATUS: Incorrect original spelling of *Dolichocephala* Macquart, 1823 [*teste* this work].

FAMILY: EMPIDIDAE.

127. Dolichodes Macquart, 1838c: 49 [1839c: 155].

ORIGINALLY INCLUDED SPECIES: *Dolichodes ferruginea* Macquart, 1838c.

TYPE SPECIES: *Dolichodes ferruginea* Macquart, 1838c, by original designation.

CURRENT STATUS: Junior synonym of *Plesiomma* Macquart, 1838 [*teste* Papavero (2009b: 125)].

FAMILY: ASILIDAE.

128. Dolichogaster Macquart, 1848b: 18(178).

ORIGINALLY INCLUDED SPECIES: *Mydas brevicornis* Wiedemann, 1821a.

TYPE SPECIES: *Mydas brevicornis* Wiedemann, 1821a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Papavero (2009a: 8)].

FAMILY: MYDIDAE.

129. Dolichogyna Macquart, 1842c: 65(125).

ORIGINALLY INCLUDED SPECIES: *Dolichogyna fasciata* Macquart, 1842c.

TYPE SPECIES: *Dolichogyna fasciata* Macquart, 1842c [= *Helophilus chiliensis* Guérin, 1835], by original designation.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 116)].

FAMILY: SYRPHIDAE.

130. Dolichomerus Macquart, 1850b: 435 [1851c: 401].

ORIGINALLY INCLUDED SPECIES: *Syrphus crassus* Fabricius, 1787 (with *Syrphus megacephalus* Fabricius, 1798 in synonymy).

TYPE SPECIES: *Syrphus crassus* Fabricius, 1787, by original designation.

CURRENT STATUS: Valid subgenus of *Phytomia* Guérin, 1833 [*teste* Knutson *et al.* (1975: 358)].

FAMILY: SYRPHIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1850b): *Dolichomerus* (page 435) and *Dolichoremus* (page 436). Acting as **First Reviser**, we select *Dolichomerus* as the correct original spelling.

[*Dolichoremus*] **Macquart, 1850b: 436 [1851c: 402]**.

CURRENT STATUS: Incorrect original spelling of *Dolichomerus* Macquart, 1850b [*teste* this work].

FAMILY: SYRPHIDAE.

[*Dolychopus*] **Macquart, 1850c: 488**.

CURRENT STATUS: Incorrect subsequent spelling of *Dolichopus* Latreille, 1797.

FAMILY: DOLICHOPODIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “i” to “y” in the same work, Macquart (1850c: 488) also used the correct spelling *Dolichopus*. Because of the equivocal nature of the name in this work, we invoke ICZN *Code Art.* 33.5 and treat all usages of ‘*Dolychopus*’ in Macquart (1850c) as incorrect subsequent spellings of *Dolichopus* Latreille, 1797.

[*Dryomysa*] **Macquart, 1851b: 288 [1851c: 316]**.

CURRENT STATUS: Incorrect subsequent spelling of *Dryomyza* Fallén, 1820d.

FAMILY: DRYOMYZIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “myza” to “mysa” in the same work, Macquart (1851b: 246; 1851c: 274) also used the correct spelling *Dryomyza*. Because of the equivocal nature of the name in these works, we invoke ICZN *Code Art.* 33.5 and treat all usages of ‘*Dryomysa*’ by Macquart in the above listed works as incorrect subsequent spellings of *Dryomyza* Fallén, 1820d.

[*Dumerilia*] **Macquart, 1835b: 79 [1835c: 79]**.

CURRENT STATUS: Incorrect subsequent spelling of *Dumerillia* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works. Macquart (1835b: 79) also used the correct spelling *Dumerillia*. Because of the equivocal nature of the name in these works, we invoke ICZN *Code Art.* 33.5 and treat all usages of ‘*Dumerilia*’ by Macquart in the above listed works as incorrect subsequent spellings of *Dumerillia* Robineau-Desvoidy, 1830.

131. *Ebenia* Macquart, 1846: 299(171).

ORIGINALLY INCLUDED SPECIES: *Ebenia claripennis* Macquart, 1846.

TYPE SPECIES: *Ebenia claripennis* Macquart, 1846, by original designation.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 109)].

FAMILY: TACHINIDAE.

[*Echenomyia*] **Macquart, 1855a: 741**.

CURRENT STATUS: Incorrect subsequent spelling of *Echinomya* Latreille, 1805.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Echinomyia*] **Macquart, 1835b: 65 [1835c: 65; 1839b: 110; 1845a: 253; 1850c: 514]**.

CURRENT STATUS: Incorrect subsequent spelling of *Echinomya* Latreille, 1805 or subsequent usage of *Echinomyia* Fischer von Waldheim, 1808.

FAMILY: TACHINIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar

spelling changes in two or more names from “mya” to “myia” in the same work, the earliest emendation (unjustified) of *Echinomyia* Latreille, 1805 that we have found in this study using the spelling ‘*Echinomyia*’ is *Echinomyia* Fischer von Waldheim, 1808: [unnumbered page 59]. *Echinomyia* Latreille, 1805 is currently treated as a junior synonym of *Tachina* Meigen, 1803 [*teste* Herting and Dely-Draskovits (1993: 263)], of which *Echinomyia* Fischer von Waldheim, 1808 is also a junior synonym, **n. syn.** [see Appendix I]. Because of the equivocal nature of the name in these works, we invoke ICZN *Code* Article 33.5 and treat all usages of ‘*Echinomyia*’ by Macquart in the above listed works as incorrect subsequent spellings of *Echinomyia* Latreille, 1805.

[*Echynomia*] **Macquart, 1844: 283(439).**

CURRENT STATUS: Incorrect subsequent spelling of *Echinomyia* Latreille, 1805.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

132. *Ectecephala* Macquart, 1851b: 253 [1851c: 279].

ORIGINALLY INCLUDED SPECIES: *Ectecephala albistylum* Macquart, 1851b.

TYPE SPECIES: *Ectecephala albistylum* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Poole (1996: 123)].

FAMILY: CHLOROPIDAE.

133. *Ectenopsis* Macquart, 1838b: 111(115).

ORIGINALLY INCLUDED SPECIES: *Chrysops vulpecula* Wiedemann, 1828.

TYPE SPECIES: *Chrysops vulpecula* Wiedemann, 1828, by monotypy.

CURRENT STATUS: Valid genus [*teste* Daniels (1989a: 280)].

FAMILY: TABANIDAE.

[*Ecthinorhynchus*] **Macquart, 1850b: 469 [1851c: 314].**

CURRENT STATUS: Incorrect original spelling of *Ectinorhynchus* Macquart, 1850b [*teste* Macquart (1850c: 492)].

FAMILY: THEREVIDAE.

134. *Ectinorhynchus* Macquart, 1850b: 407 [1850c: 492; 1851c: 103, 326].

ORIGINALLY INCLUDED SPECIES: *Thereva variabilis* Macquart, 1846.

TYPE SPECIES: *Thereva variabilis* Macquart, 1846, by original designation.

CURRENT STATUS: Valid genus [*teste* Irwin & Lyneborg (1989: 356)].

FAMILY: THEREVIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1850b): *Ectinorhynchus* (page 407) and *Ecthinorhynchus* (page 469). By subsequent usage by the same author (ICZN *Code* Article 24.2.4), Macquart (1850c: 492) acted as First Reviser and selected *Ectinorhynchus* as the correct original spelling.

135. *Egina* Macquart, 1835b: 299 [1835c: 299].

CURRENT STATUS: Unjustified emendation of *Eginia* Robineau-Desvoidy, 1830; junior synonym of *Eginia* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: MUSCIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes for two or more names from “ia” to “a” in the same work.

136. Elachiptera Macquart, 1835b: 621.

ORIGINALLY INCLUDED SPECIES: *Chlorops brevipennis* Meigen, 1830.

TYPE SPECIES: *Chlorops brevipennis* Meigen, 1830, by original designation.

CURRENT STATUS: Valid genus and *nomen protectum* [teste Nartshuk & von Tschirnhaus (2012: 46)].

FAMILY: CHLOROPIDAE.

REMARKS: Nartshuk & von Tschirnhaus (2012: 46) noted the synonymy of *Myrmomorpha* Dufour, 1833 with *Elachiptera* Macquart, 1835 and, citing the lack of usage in the published literature after 1899, determined the former nominal genus to be “not available after article 23 of the Code”. By reversal of precedence (ICZN Code Art. 23.9.1), they essentially (without using these designations) deemed *Elachiptera* Macquart, 1835b to be a *nomen protectum* and *Myrmomorpha* Dufour, 1833 to be a *nomen oblitum*.

EMENDATIONS: *Elachiptera* Agassiz, 1846b: 135 (unjustified).

137. Elaphropeza Macquart, 1828: 86.

ORIGINALLY INCLUDED SPECIES: *Tachydromia ephippiata* Fallén, 1815.

TYPE SPECIES: *Tachydromia ephippiata* Fallén, 1815, by monotypy.

CURRENT STATUS: Valid genus [teste Yang *et al.* (2007: 370)].

FAMILY: HYBOTIDAE.

138. Elomyia Macquart, 1834b: 66(202) [1835b: 300; 1851b: 188; 1851c: 161, 357].

CURRENT STATUS: Unjustified emendation of *Elomya* Robineau-Desvoidy, 1830 [teste Sherborn (1926b: 2122)]; junior synonym of *Elomya* Robineau-Desvoidy, 1830 [teste Evenhuis *et al.* (2010b: 70)].

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes for two or more names from “mya” to “myia” in the same work. Sherborn (1926: 2122) explicitly indexed *Elomyia* Macquart, 1834 as an emendation of *Elomya* Robineau-Desvoidy, 1830, but this nominal genus is not listed in any of the regional Diptera catalogs.

139. Enica Macquart, 1834a: 399.

ORIGINALLY INCLUDED SPECIES: *Anthrax longirostris* Wiedemann, 1819.

TYPE SPECIES: *Anthrax longirostris* Wiedemann, 1819, by monotypy.

CURRENT STATUS: Valid genus [teste Evenhuis & Greathead (1999: 240)].

FAMILY: BOMBYLIIDAE.

EMENDATIONS: *Henica* Agassiz, 1846b: 138, 178 (unjustified); *Henica* Bezzi, 1924: 3 (unjustified); *Henica* Paramonov, 1939: 25 (unjustified).

140. Eniconevra Macquart, 1840a: 110 [1841: 388].

ORIGINALLY INCLUDED SPECIES: *Eniconevra fuscipennis* Macquart, 1840a.

TYPE SPECIES: *Eniconevra fuscipennis* Macquart, 1840a, by original designation.

CURRENT STATUS: Junior synonym of *Toxophora* Meigen, 1803 [teste Evenhuis & Greathead (1999: 69)].

FAMILY: BOMBYLIIDAE.

EMENDATIONS: *Eniconeura* Agassiz, 1846a: 13 (unjustified); *Heniconevra* Agassiz, 1846b: 138, 178 (unjustified); *Heniconeura* Rye, 1875: 423 (unjustified).

141. Eniconevra Macquart, 1844: 203(360)

ORIGINALLY INCLUDED SPECIES: *Eniconevra fenestralis* Macquart, 1844.

TYPE SPECIES: *Eniconevra fenestralis* Macquart, 1844, by monotypy.

CURRENT STATUS: Preoccupied by *Eniconevra* Macquart, 1840a; senior (but invalid) synonym of *Clitodoca* Loew, 1873 [teste Steyskal (1980a: 566)].

FAMILY: PLATYSTOMATIDAE.

EMENDATIONS: *Eniconeura* Agassiz, 1846a: 13 (unjustified); *Heniconevra* Agassiz, 1846b: 138, 178 (unjustified).

142. *Enicoptera* Macquart, 1848b: 223(63).

ORIGINALLY INCLUDED SPECIES: *Enicoptera flava* Macquart, 1848b.

TYPE SPECIES: *Enicoptera flava* Macquart, 1848b, by original designation.

CURRENT STATUS: Valid genus [*teste* Kovac *et al.* (2006: 181)].

FAMILY: TEPHRITIDAE.

EMENDATIONS: *Henicoptera* Loew, 1873: 21 (unjustified).

143. *Epicampocera* Macquart, 1850a: 414.

ORIGINALLY INCLUDED SPECIES: *Tachina succincta* Meigen, 1824.

TYPE SPECIES: *Tachina succincta* Meigen, 1824, by monotypy.

CURRENT STATUS: Valid genus [*teste* O'Hara *et al.* (2009: 70)].

FAMILY: TACHINIDAE.

144. *Epicerella* Macquart, 1851b: 266 [1851c: 292].

ORIGINALLY INCLUDED SPECIES: *Epicerella guttipennis* Macquart, 1851b.

TYPE SPECIES: *Epicerella guttipennis* Macquart, 1851b, by original designation.

CURRENT STATUS: Junior synonym of *Cardiacera* Macquart, 1847a [*teste* Pitkin (1989b: 499)].

FAMILY: PYRGOTIDAE.

REMARKS: Pitkin (1989b: 499) gave the method of typification of *Epicerella* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 266) shows that there is the following statement: “*Le type est de la Tasmanie*”. This refers to the only included species, *Epicerella guttipennis* Macquart, 1851, which is listed as being from “*Tasmanie*”. This suffices as an original designation. Kim & Han (2009: 65) incorrectly synonymized *Epicerella* Macquart, 1851b with *Adapsilia* Waga, 1843 referring to an alleged new synonymy in Korneyev (2004). A check of Korneyev (2004) shows that the synonymization was with *Cardiacera* Macquart, 1847a.

145. *Epicerina* Macquart, 1850b: 401 [1851c: 97].

ORIGINALLY INCLUDED SPECIES: *Epicerina nigricornis* Macquart, 1850b.

TYPE SPECIES: *Epicerina nigricornis* Macquart, 1850b, by original designation.

CURRENT STATUS: Junior synonym of *Panops* Lamarck, 1804 [*teste* Winterton (2012: 16)].

FAMILY: ACROCERIDAE.

REMARKS: Although Winterton (2012: 16) indicated the method of typification of *Epicerina* Macquart, 1850b as by original designation, Schlinger & Jefferies (1989: 376) gave it as by monotypy. A check of Macquart (1850b: 402) shows that there is the following statement: “*Le type de ce genre de la Tasmanie*”. This refers to the only included species, *Epicerina nigricornis* Macquart, 1850b, which is listed as being from “*Tasmanie*”. This suffices as an original designation.

146. *Epidesma* Macquart, 1846: 327(209).

ORIGINALLY INCLUDED SPECIES: *Epidesma fascipennis* Macquart, 1846.

TYPE SPECIES: *Epidesma fascipennis* Macquart, 1846, by original designation.

CURRENT STATUS: Preoccupied by *Epidesma* Hübner, 1819; senior (but invalid) synonym of *Neoepidesma* Hendel, 1914 [*teste* Steyskal (1980a: 568)].

FAMILY: PLATYSTOMATIDAE.

147. Eriocera Macquart, 1838b: 74(78).

ORIGINALLY INCLUDED SPECIES: *Limnobia nigra* Wiedemann, 1828.

TYPE SPECIES: Hereby fixed by **present designation** under ICZN Code Art. 70.3.2 as *Eriocera macquarti* Enderlein, 1912a, misidentified as *Limnobia nigra* Wiedemann, 1828 [teste Sabrosky (1999: 128)] in the original fixation by monotypy of Macquart [1838b: 74(78)].

CURRENT STATUS: Valid subgenus of *Hexatoma* Latreille, 1809 [teste Savchenko *et al.* (1992: 237)].

FAMILY: LIMONIIDAE.

148. Eriogaster Macquart, 1838c: 162 [1839c: 278].

ORIGINALLY INCLUDED SPECIES: *Empis laniventris* Eschscholtz, 1822.

TYPE SPECIES: *Empis laniventris* Eschscholtz, 1822, by original designation.

CURRENT STATUS: Preoccupied by *Eriogaster* Germar, 1810; senior (but invalid) synonym of *Empis* Linnaeus, 1758 [teste Poole (1996: 155)].

FAMILY: EMPIDIDAE.

REMARKS: This genus-group name is missing from the world catalog by Yang *et al.* (2007). The most recent catalog listing it (Poole 1996: 155) placed it as a junior synonym of *Empis* Linnaeus, 1758, which is the treatment we follow here.

149. Eriosoma Macquart, 1838c: 172 [1839c: 288].

ORIGINALLY INCLUDED SPECIES: *Acrocera calida* Wiedemann, 1830.

TYPE SPECIES: *Acrocera calida* Wiedemann, 1830, by original designation.

CURRENT STATUS: Preoccupied by *Eriosoma* Leach, 1818; senior (but invalid) synonym of *Ocnaea* Erichson, 1840 [teste Aldrich (1932: 1)].

FAMILY: ACROCERIDAE.

REMARKS: This genus-group name is not recorded in any of the published regional Diptera catalogs. The most recent work to treat the genus is Aldrich (1932), who listed *Eriosoma* Macquart, 1838c as a junior synonym of *Ocnaea* Erichson, 1840, and which we follow here.

[Eristalis] Macquart, 1848b: 200(40).

CURRENT STATUS: Incorrect subsequent spelling of *Eristalis* Latreille, 1804.

FAMILY: SYRPHIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

150. Erodiorhynchus Macquart, 1838b: 110(114).

ORIGINALLY INCLUDED SPECIES: *Erodiorhynchus eristaloides* Macquart, 1838b.

TYPE SPECIES: *Erodiorhynchus eristaloides* Macquart, 1838b [= *Rhinomyza edentula* Wiedemann, 1828], by monotypy.

CURRENT STATUS: Junior synonym of *Rhigioglossa* Wiedemann, 1828 [teste Chainey & Oldroyd (1980: 281)].

FAMILY: TABANIDAE.

EMENDATIONS: *Herodiorhynchus* Agassiz, 1846b: 143, 179 (unjustified).

151. Eumetopia Macquart, 1847a: 87(103).

ORIGINALLY INCLUDED SPECIES: *Eumetopia rufipes* Macquart, 1847a.

TYPE SPECIES: *Eumetopia rufipes* Macquart, 1847a, by original designation.

CURRENT STATUS: Preoccupied by *Eumetopia* Westwood, 1837; senior (but invalid) synonym of *Eumetopiella* Hendel, 1907 [teste Sabrosky (1999: 133)].

FAMILY: ULIDIIDAE.

152. *Eupeitenus* Macquart, 1838b: 84(88).

ORIGINALLY INCLUDED SPECIES: *Penthetria atra* Macquart, 1834a.

TYPE SPECIES: *Penthetria atra* Macquart, 1834a [= *Bibio heteroptera* Say, 1823c], by monotypy.

CURRENT STATUS: Junior synonym of *Penthetria* Meigen, 1803 [teste Poole (1996: 66)].

FAMILY: BIBIONIDAE.

EMENDATIONS: *Eupestinus* Agassiz, 1846a: 14 (unjustified).

153. *Euprosopia* Macquart, 1847a: 89(105).

ORIGINALLY INCLUDED SPECIES: *Platystoma australis* Macquart, 1846; *Euprosopia tenuicornis* Macquart, 1847a.

TYPE SPECIES: *Euprosopia tenuicornis* Macquart, 1847a, by subsequent designation (Enderlein 1912b: 358).

CURRENT STATUS: Valid genus [teste McAlpine (2001: 162)].

FAMILY: PLATYSTOMATIDAE.

REMARKS: Previous catalogs (Soós 1984a: 44; Evenhuis 1989: 489) and recent revisionary works [e.g., McAlpine (2001: 162)] have indicated the type species as *Euprosopia tenuicornis* Macquart, 1847 by monotypy, but this is incorrect. A check of Macquart [1847a: 90(106)] showed that in the narrative to the genus, Macquart clearly stated that a second species (*Platystoma australis* Macquart, 1846) also belonged to the genus, thus a subsequent designation is required. Enderlein (1912b: 358) is the earliest subsequent designation that we have found, and he designated *Euprosopia tenuicornis* Macquart, 1847a as the type species.

154. *Eurigaster* Macquart, 1834b: 153(289) [1835b: 115; 1835c: 115].

ORIGINALLY INCLUDED SPECIES: *Phryno rustica* Robineau-Desvoidy, 1830; *Tachina pallipes* Fallén, 1820e; *Tachina vulgaris* Fallén, 1810; *Tachina antiqua* Meigen, 1824 (with *Roeselia arvensis* Robineau-Desvoidy, 1830 in synonymy); *Roeselia silvatica* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Tachina vetula* Meigen, 1824 [fixed by Art. 70.3.2 in O'Hara *et al.* (2009: 114)], by subsequent designation [Westwood 1840: 139; as *Tachina pallipes* Fallén, 1820e (misidentification)].

CURRENT STATUS: Junior synonym of *Phryno* Robineau-Desvoidy, 1830 [teste O'Hara *et al.* (2009: 114)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Eurygaster* Agassiz, 1846b: 150 (unjustified).

[*Euripalpus*] Macquart, 1844: 298(454).

CURRENT STATUS: Incorrect subsequent spelling of *Eurypalpus* Macquart, 1835b.

FAMILY: PLATYSTOMATIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, Macquart [1844: 203(359)] also used the correct spelling of *Eurypalpus*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Euripalpus*’ in Macquart (1844) as incorrect subsequent spellings of *Eurypalpus* Macquart, 1835.

155. *Eurypalpus* Macquart, 1835b: 443 [1835c: 443].

ORIGINALLY INCLUDED SPECIES: *Eurypalpus testaceus* Macquart, 1835b.

TYPE SPECIES: *Eurypalpus testaceus* Macquart, 1835b, by monotypy.

CURRENT STATUS: Valid genus [teste Wulp (1896: 178)].

FAMILY: PLATYSTOMATIDAE.

REMARKS: Although this is an Oriental Region genus-group name, the genus and its type species (described from Java) are both missing from the most recent catalog of that region (Steyskal 1977). However, Wulp (1896: 178) treated the genus and its type species as taxonomically valid, which we follow here.

156. *Euthinevra* Macquart, 1836b: plate 15A.

ORIGINALLY INCLUDED SPECIES: *Euthinevra myrtilli* Macquart, 1836b.

TYPE SPECIES: *Euthinevra myrtilli* Macquart, 1836b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Yang *et al.* (2007: 338; as “*Euthineura*)”].

FAMILY: HYBOTIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1836b): *Euthyneura* (pages 518, 519) and *Euthinevra* (plate 15A). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1850c: 477) acted as First Reviser and selected *Euthinevra* as the correct original spelling. The listing in Sherborn (1926: 2252) was not a First Reviser action because he merely listed the spelling given in Agassiz that he could not find in Macquart: “*Euthinevra* Mac. 1835; *sic* Agassiz, *sed non comp.*, *vide Euthyneura*”.

EMENDATIONS: *Euthynevra* Agassiz, 1846a: 14 (unjustified); *Euthynevra* Agassiz, 1846b: 152 (unjustified).

[*Euthyneura*] **Macquart, 1836b: 518.**

CURRENT STATUS: Incorrect original spelling of *Euthinevra* Macquart, 1836b [*teste* Macquart (1850c: 477)].

FAMILY: HYBOTIDAE.

157. *Exapata* Macquart, 1840a: 26 [1841: 304].

ORIGINALLY INCLUDED SPECIES: *Exapata anthracoides* Macquart, 1840a.

TYPE SPECIES: *Exapata anthracoides* Macquart, 1840a [= *Thereva cincta* Meigen, 1820], by monotypy.

CURRENT STATUS: Junior synonym of *Thereva* Latreille, 1797 [*teste* Holston (2004: 31)].

FAMILY: THEREVIDAE.

158. *Exechopalpus* Macquart, 1847a: 75(91).

ORIGINALLY INCLUDED SPECIES: *Exechopalpus rufipalpus* Macquart, 1847a.

TYPE SPECIES: *Exechopalpus rufipalpus* Macquart, 1847a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Cantrell & Crosskey (1989: 753)].

FAMILY: TACHINIDAE.

159. *Exeretonevra* Macquart, 1846: 233(105).

ORIGINALLY INCLUDED SPECIES: *Exeretonevra maculipennis* Macquart, 1846.

TYPE SPECIES: *Exeretonevra maculipennis* Macquart, 1846, by monotypy.

CURRENT STATUS: Valid genus [*teste* Woodley (2011b: 474)].

FAMILY: XYLOPHAGIDAE.

REMARKS: *Exeretonevra* Macquart, 1846 was long considered as belonging in its own family, Exeretonevridae, but Palmer & Yeates (2000: 25) showed that it is a member of Xylophagidae.

EMENDATIONS: *Exeretoneura* Kertész, 1909a: 31 (unjustified).

[*Exochostoma*] **Macquart, 1842a: lix.**

CURRENT STATUS: Unavailable name; treated under *Exochostoma* Macquart, 1842a [*teste* this work].

FAMILY: STRATIOMYIDAE.

REMARKS: Criteria for making this name available were not found to be fulfilled in this work. The name is a *nomen nudum*, appearing in the minutes from the meeting of 22 December 1841 in the Société Entomologique de France.

160. *Exochostoma* Macquart, 1842b: 42.

ORIGINALLY INCLUDED SPECIES: *Exochostoma nitidum* Macquart, 1842b (as “*Exochostoma nitida*”).

TYPE SPECIES: *Exochostoma nitidum* Macquart, 1842b (as “*Exochostoma nitida*”), by monotypy.

CURRENT STATUS: Valid genus [*teste* Woodley (2001: 255)].

FAMILY: STRATIOMYIDAE.

161. *Exopalpus* Macquart, 1851b: 149 [1851c: 176].

ORIGINALLY INCLUDED SPECIES: *Exopalpus bicolor* Macquart, 1851b.

TYPE SPECIES: *Exopalpus bicolor* Macquart, 1851, by original designation.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 54)].

FAMILY: TACHINIDAE.

162. *Exoprosopa* Macquart, 1840a: 35 [1841: 313].

ORIGINALLY INCLUDED SPECIES: *Exoprosopa audouinii* Macquart, 1840a; *Bibio sphinx* Fabricius, 1787 (as “*Exoprosopa sphinx*. *Anthrax id.*, Fab., Wied.”); *Exoprosopa obliqua* Macquart, 1840a; *Anthrax tantalus* Fabricius, 1794; *Anthrax erythrocephala* Fabricius, 1805; *Anthrax cerberus* Fabricius, 1794; *Anthrax proserpina* Wiedemann, 1828; *Exoprosopa albicincta* Macquart, 1840a; *Anthrax pandora* Fabricius, 1805; *Exoprosopa albiventris* Macquart, 1840a; *Exoprosopa argyrocephala* Macquart, 1840; *Exoprosopa lutea* Macquart, 1840a; *Exoprosopa varinevris* Macquart, 1840a; *Exoprosopa bovei* Macquart, 1840a; *Exoprosopa singularis* Macquart, 1840a; *Exoprosopa olivierii* Macquart, 1840a; *Exoprosopa lugubris* Macquart, 1840a; *Exoprosopa bagdadensis* Macquart, 1840a; *Exoprosopa notabilis* Macquart, 1840a; *Exoprosopa robertii* Macquart, 1840a; *Exoprosopa senegalensis* Macquart, 1840a; *Exoprosopa consanguinea* Macquart, 1840a; *Exoprosopa tricolor* Macquart, 1840a; *Exoprosopa oculata* Macquart, 1840a; *Exoprosopa pusilla* Macquart, 1840a; *Anthrax heros* Wiedemann, 1819; *Anthrax maculosa* Wiedemann, 1819; *Anthrax venosa* Wiedemann, 1819; *Exoprosopa pentala* Macquart, 1840a; *Exoprosopa caffra* Macquart, 1840a; *Anthrax capensis* Wiedemann, 1821a; *Exoprosopa punctulata* Macquart, 1840a; *Anthrax pennipes* Wiedemann, 1821a; *Exoprosopa bengalensis* Macquart, 1840a; *Exoprosopa javana* Macquart, 1840a; *Exoprosopa uruguayi* Macquart, 1840a; *Exoprosopa sanctipauli* Macquart, 1840a (as “*Exoprosopa sancti pauli*”); *Exoprosopa fasciata* Macquart, 1840a; *Exoprosopa rubiginosa* Macquart, 1840a; *Exoprosopa emarginata* Macquart, 1840a; *Exoprosopa philadelphica* Macquart, 1840a.

TYPE SPECIES: *Anthrax pandora* Fabricius, 1805, by subsequent designation (Coquillett 1910: 544) (I.C.Z.N. 1991: 82 [Opinion 1632]).

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 347)].

FAMILY: BOMBYLIIDAE.

REMARKS: Coquillett (1910: 544) designated *Anthrax pandora* Fabricius, 1805 as type species for *Exoprosopa*, which was followed by most regional Diptera catalogs. Evenhuis & Thompson (1990: 235) discovered an earlier designation by Duponchel in d’Orbigny (1845: 545) of *Exoprosopa audouinii* Macquart, 1840a, the acceptance of which would cause instability by placing *Exoprosopa* Macquart, 1840a as the senior synonym of *Ligyra* Newman, 1841. Evenhuis & Greathead (1989: 250) applied to the ICZN Commission to suppress all type designations previous to Coquillett (1910: 545). This action was approved by the Commission and implemented as Opinion 1632 (I.C.Z.N. 1991: 82).

163. *Gigamyia* Macquart, 1844: 115(272)

ORIGINALLY INCLUDED SPECIES: *Stomoxys gigantea* Wiedemann, 1824.

TYPE SPECIES: *Stomoxys gigantea* Wiedemann, 1824, by original designation.

CURRENT STATUS: Junior synonym of *Billaea* Robineau-Desvoidy, 1830 [*teste* O’Hara & Cerretti (2016: 37)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Gigantomyia* Agassiz, 1846b: 162 (unjustified).

164. *Gnadochaeta* Macquart, 1851b: 200 [1851c: 228, 358].

ORIGINALLY INCLUDED SPECIES: *Gnadochaeta coerulea* Macquart, 1851b (as “*Gnadochoeta*”)

TYPE SPECIES: *Gnadochaeta coerulea* Macquart, 1851b (as “*Gnadochoeta*”), by original designation.

CURRENT STATUS: Valid genus [*teste* O’Hara & Wood (2004: 277)].

FAMILY: TACHINIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1851b): *Gnadochoeta* (pages 200, 201) and *Gnadochaeta* (page 286). Acting as First Reviser, O’Hara & Wood (2004: 277) selected *Gnadochaeta* as the correct original spelling. They used ICZN Code Art. 33.3.1 to treat *Gnadochaeta* as the original spelling in prevailing usage, but by doing so they implicitly acted as First Reviser in selecting *Gnadochaeta* as the correct original spelling.

[*Gnadochoeta*] **Macquart, 1851b: 286 [1851c: 312].**

CURRENT STATUS: Incorrect original spelling of *Gnadochaeta* Macquart, 1851b [*teste* O’Hara & Wood (2004: 277)].

FAMILY: TACHINIDAE.

[*Gnorista*] **Macquart, 1834a: 139.**

CURRENT STATUS: Incorrect subsequent spelling of *Gnoriste* Meigen, 1818 or subsequent usage of ‘*Gnorista*’ of Berthold (1827).

FAMILY: MYCETOPHILIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work. The earliest mention of *Gnoriste* Meigen, 1818 using the spelling ‘*Gnorista*’ is by Berthold (1827: 449), as an incorrect subsequent spelling.

165. *Gonistylum* Macquart, 1851b: 153 [1851c: 180, 356].

ORIGINALLY INCLUDED SPECIES: *Gonistylum ruficorne* Macquart, 1851b.

TYPE SPECIES: *Gonistylum ruficorne* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 176)].

FAMILY: TACHINIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1851b): *Gonistylum* (page 153) and *Gonystylum* (page 153). Acting as First Reviser, Townsend (1936: 284) selected *Gonistylum* as the correct original spelling. Guimarães (1971: 176) selected the same spelling but this was later.

[*Gonystylum*] **Macquart, 1851b: 153 [1851c: 180].**

CURRENT STATUS: Incorrect original spelling of *Gonistylum* Macquart, 1851b [*teste* Townsend (1936: 284)].

FAMILY: TACHINIDAE.

166. *Graphalostylum* Macquart, 1851b: 196 [1851c: 222].

ORIGINALLY INCLUDED SPECIES: *Graphalostylum dorsomaculatum* Macquart, 1851b (as “*Grapholostylum dorso maculatum*”).

TYPE SPECIES: *Graphalostylum dorsomaculatum* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid subgenus of *Rutelia* Robineau-Desvoidy, 1830 [*teste* Cantrell & Crosskey (1989: 746)].

FAMILY: TACHINIDAE.

REMARKS: There are three original spellings for this nominal genus in Macquart (1851b): *Grapholostylum* and *Graphalostylum* (both on page 196), and *Graphalostilum* (page 285). Acting as **First Reviser**, we select *Graphalostylum* as the correct original spelling. Cantrell & Crosskey (1989: 746) gave the method of typification of *Graphalostylum* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 196) shows that there is the following statement: “*Le type de ce genre de la Tasmanie*”. This refers to the only included species, *Graphalostylum dorsomaculatum* Macquart, 1851b, which is listed as being from “*Tasmanie*”. This suffices as an original designation.

[*Grapholostylum*] **Macquart, 1851b: 285 [1851c: 319].**

CURRENT STATUS: Incorrect original spelling of *Graphalostylum* Macquart, 1851b [*teste* this work].

FAMILY: TACHINIDAE.

[*Grapholostylum*] **Macquart, 1851b: 196 [1851c: 222].**

CURRENT STATUS: Incorrect original spelling of *Graphalostylum* Macquart, 1851b [*teste* this work].

FAMILY: TACHINIDAE.

167. *Graphomyia* Macquart, 1834b: 13(149).

CURRENT STATUS: Unjustified emendation of *Graphomya* Robineau-Desvoidy, 1830; junior synonym of *Graphomya* Robineau-Desvoidy, 1830 [*teste* Evenhuis *et al.* (2015: 330)].

FAMILY: MUSCIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes for two or more names from “mya” to “myia” in the same work.

168. *Graphomyzina* Macquart, 1835b: 558 [1835c: 558].

ORIGINALLY INCLUDED SPECIES: *Graphomyzina elegans* Macquart, 1835b.

TYPE SPECIES: *Graphomyzina elegans* Macquart, 1835b [= *Sciomyza limbata* Meigen, 1830], by monotypy.

CURRENT STATUS: Valid genus [*teste* Miller (1995: 195)].

FAMILY: SCIOMYZIDAE.

REMARKS: Knutson *et al.* (1976: 4) gave the method of typification of *Graphomyzina* Macquart, 1835b as by original designation, but this is incorrect. A check of Macquart (1835b: 559) shows only the statement “*une jolie petite espèce ... pour laquelle nous formons ce genre*”, which is not a wording that can be construed as an original designation, thus the typification is by monotypy.

[*Gymnochaeta*] **Macquart, 1835b: 149, 150 [1835c: 149, 150].**

CURRENT STATUS: Incorrect subsequent spelling of *Gymnocheta* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[*Gymnochoeta*] **Macquart, 1850c: 516.**

CURRENT STATUS: Incorrect subsequent spelling of *Gymnocheta* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

169. *Gymnophora* Macquart, 1835b: 631 [1835c: 631].

ORIGINALLY INCLUDED SPECIES: *Phora arcuata* Meigen, 1830 (with *Trineura rufipes* Meigen, 1804 [as “*Trinevra rufipes*, Fall. no. 1”] in synonymy).

TYPE SPECIES: *Phora arcuata* Meigen, 1830 (with *Trineura rufipes* Meigen, 1804 [as “*Trinevra rufipes*, Fall. no. 1”] in synonymy), by monotypy.

CURRENT STATUS: Valid genus [*teste* Disney (1991: 153)].

FAMILY: PHORIDAE.

170. *Gymnopoda* Macquart, 1835b: 502 [1835c: 502].

ORIGINALLY INCLUDED SPECIES: *Gymnopoda tomentosa* Macquart, 1835b.

TYPE SPECIES: *Gymnopoda tomentosa* Macquart, 1835b [= *Lipara lucens* Meigen, 1830], by original designation.
CURRENT STATUS: Junior synonym of *Lipara* Meigen, 1830 [*teste* Nartshuk (1984: 238)].
FAMILY: CHLOROPIDAE.

171. *Gymnostylia* Macquart, 1835b: 216 [1835c: 216].

ORIGINALLY INCLUDED SPECIES: *Macromya depressa* Robineau-Desvoidy, 1830; *Harrisia scutellaris* Robineau-Desvoidy, 1830; *Leschenaultia cilipes* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Macromya depressa* Robineau-Desvoidy, 1830, by subsequent designation (Duponchel *in d'Orbigny*, 1845: 439).

CURRENT STATUS: Junior synonym of *Macromya* Robineau-Desvoidy, 1830 [*teste* Guimarães (1971: 42)].

FAMILY: TACHINIDAE.

REMARKS: Guimarães (1971: 42) gave the type designation as *Macromya depressa* Robineau-Desvoidy, 1830 by Townsend (1916a: 7). However, an earlier designation of the same type species by Duponchel *in d'Orbigny* (1845: 439) was found by Evenhuis & Thompson (1990).

172. *Gymnostylina* Macquart, 1855d: 25.

ORIGINALLY INCLUDED SPECIES: *Gymnostylina nitida* Macquart, 1855d.

TYPE SPECIES: *Gymnostylina nitida* Macquart, 1855d, by monotypy.

CURRENT STATUS: Valid genus [*teste* Schumann (1986: 57)].

FAMILY: CALLIPHORIDAE.

REMARKS: Schumann (1986: 57) gave Macquart (1855a: 737) as the publication in which the name was first made available, but this is incorrect. A check of Macquart (1855a) shows that the name is spelled in the table in the vernacular (as “Gymnostylina”) and is therefore unavailable from that publication.

[*Gyniplistia*] Macquart, 1846: 347(219).

CURRENT STATUS: Incorrect subsequent spelling of *Gynoplistia* Westwood, 1835.

FAMILY: LIMONIIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “o” to “i” in the same work, Macquart (1846: 138) also used the correct spelling of *Gynoplistia*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Gyniplistia*’ in Macquart (1846) as incorrect subsequent spellings of *Gynoplistia* Westwood, 1835.

[*Helera*] Macquart, 1850b: plate 5 [1851c: plate 5].

CURRENT STATUS: Incorrect original spelling of *Heteracanthia* Macquart, 1850b [*teste* Woodley (2011a: 397)].

FAMILY: STRATIOMYIDAE.

[*Heliophilus*] Macquart, 1829: 125(273).

CURRENT STATUS: Incorrect subsequent spelling of *Helophilus* Meigen, 1822.

FAMILY: SYRPHIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Helomyza*] Macquart, 1835b: 411 [1835c: 411; 1839b: 117; 1854d: 104].

CURRENT STATUS: Incorrect subsequent spelling of *Heleomyza* Fallén, 1810 or subsequent usage of ‘*Helomyza*’ of Fallén (1820a).

FAMILY: HELEOMYZIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.
The earliest mention of *Heleomyza* Fallén, 1810 using the spelling ‘*Helomyza*’ is by Fallén (1820a: 3). It is equivocal whether this was a separate proposal of the same generic concept but with a different spelling or an incorrect subsequent spelling of *Heleomyza* Fallén, 1820a.

173. *Hematobia* Macquart, 1850c: 529.

CURRENT STATUS: Unjustified emendation of *Haematobia* Le Peletier & Audinet-Serville, 1828; junior synonym of *Haematobia* Le Peletier & Audinet-Serville, 1828. **New synonymy.**

FAMILY: MUSCIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “e” in the same work.

174. *Hemerodromyia* Macquart, 1823: 165.

CURRENT STATUS: Unjustified emendation of *Hemerodromia* Meigen, 1822; junior synonym of *Hemerodromia* Meigen, 1822. **New synonymy.**

FAMILY: EMPIDIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mia” to “myia” in the same work.

175. *Hemilampra* Macquart, 1850b: 463 [1851c: 159].

ORIGINALLY INCLUDED SPECIES: *Hemilampra australis* Macquart, 1850b.

TYPE SPECIES: *Hemilampra australis* Macquart, 1850b, by original designation.

CURRENT STATUS: Valid genus [*teste* Thompson & Vockeroth (1989: 453)].

FAMILY: SYRPHIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1850b): *Hemilampra* (page 463) and *Misolampra* (page 472, plate 14). Acting as First Reviser, Williston (1887: 285) selected *Hemilampra* as the correct original spelling.

176. *Heteracanthia* Macquart, 1850b: 347 [1851c: 43].

ORIGINALLY INCLUDED SPECIES: *Heteracanthia ruficornis* Macquart, 1850b.

TYPE SPECIES: *Heteracanthia ruficornis* Macquart, 1850b, by original designation.

CURRENT STATUS: Valid genus [*teste* Woodley (2011: 397)].

FAMILY: STRATIOMYIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1850b): *Heteracanthia* (page 347) and *Heleracanthia* (plate 5). Acting as First Reviser, Woodley (2011a: 397) selected *Heteracanthia* as the correct original spelling.

177. *Heterogaster* Macquart, 1846: 334(206).

ORIGINALLY INCLUDED SPECIES: *Heterogaster fascipennis* Macquart, 1846.

TYPE SPECIES: *Heterogaster fascipennis* Macquart, 1846, by original designation.

CURRENT STATUS: Preoccupied by *Heterogaster* Schilling, 1829; *Heterogaster* Dejean, 1835; senior (but invalid) synonym of *Sphenoprosopa* Loew, 1873 [*teste* Steyskal (1980a: 573)].

FAMILY: PLATYSTOMATIDAE.

178. *Heterometopia* Macquart, 1846: 298(170).

ORIGINALLY INCLUDED SPECIES: *Heterometopia argentea* Macquart, 1846.

TYPE SPECIES: *Heterometopia argentea* Macquart, 1846, by original designation.

CURRENT STATUS: Valid genus [*teste* Barraclough (1992: 1168)].

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 740) and Barraclough (1992: 1309) gave the method of typification of *Heterometopia* Macquart, 1846 as by monotypy, but this is incorrect. A check of Macquart (1846) shows that there is the following statement: “*Le type de ce genre est de la Tasmanie*”. This refers to the only included species, *Heterometopia argentea* Macquart, 1846, which is listed as being from “*Tasmanie*”, and suffices as an original designation.

179. *Heteronevra* Macquart, 1835b: 587 [1835c: 587].

CURRENT STATUS: Unjustified emendation of *Heteroneura* Fallén, 1823a; ***nomen oblitum***; junior synonym of *Clusiodes* Coquillett, 1904. **New synonymy.**

FAMILY: CLUSIIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “neura” to “nevra” in the same work. Although an unjustified emendation, *Heteronevra* Macquart, 1835b is the next available name for *Heteroneura* Fallén, 1823a [Clusiidae], which is preoccupied by *Heteroneura* Fallén, 1810 [Platyzetidae], and thus becomes a senior synonym of *Clusiodes* Coquillett, 1904. However, acceptance of priority would cause instability of the current usage of *Clusiodes* Coquillett, 1904. *Heteronevra* Macquart, 1835 has to our knowledge not been used as a valid taxon name since 1899, and *Clusiodes* Coquillett, 1904 has been used as a valid taxon name in at least 25 papers by 10 different authors within the last 50 years including the following: Barrientos *et al.* (1996), Brooks *et al.* (2015), Caloren & Marshall (1998), Carles-Tolrá & Ventura (2001), Greve (1983, 2005), Lonsdale & Marshall (2007), Marshall (2000), Parsons (1995), Perez-Gelabert (2008), Roháček (1995, 2004), Roháček *et al.* (2009), Sabrosky (1999), Sasakawa (1987, 1998), Sasakawa & Tho (1990), Smith (1999), Soós (1984b), Speight & Cogan (1979), Stackelberg (1988), Steyskal (1965b), Stubbs (1982, 1992), Sueyoshi (2006), Withers (1985). We therefore invoke Reversal of Precedence (ICZN Code Article 23.9) and treat *Heteronevra* Macquart, 1835 as a ***nomen oblitum*** and *Clusiodes* Coquillett, 1904 as a ***nomen protectum***.

180. *Heteroptera* Macquart, 1835b: 570 [1835c: 570].

ORIGINALLY INCLUDED SPECIES: *Copromyza pusilla* Fallén, 1820a (as “*Heteroptera pusilla*.—*Copromyza id.* Fall. no. 5.—*Borborus id.* Meig. no. 22”).

TYPE SPECIES: Hereby fixed by **present designation** under ICZN Code Art. 70.3.2 as *Limosina acutangula* Zetterstedt, 1847, misidentified as *Copromyza pusilla* Fallén, 1820a [*teste* Roháček *et al.* in Roháček (2001: 135)], by monotypy of Macquart (1835b: 570).

CURRENT STATUS: Preoccupied by *Heteroptera* Rafinesque, 1814; senior (but invalid) synonym of *Coproica* Rondani, 1861 [*teste* Roháček *et al.* in Roháček (2001: 135)].

FAMILY: SPHAEROCERIDAE.

181. *Heteropterina* Macquart, 1854e: 426.

ORIGINALLY INCLUDED SPECIES: *Miltogramma heteroneura* Meigen, 1830 (as “*Miltogramma heteronevra*, Meig., Zett.”).

TYPE SPECIES: *Miltogramma heteroneura* Meigen, 1830 (as “*Miltogramma heteronevra*, Meig., Zett.”), by monotypy.

CURRENT STATUS: Junior synonym of *Taxigramma* Macquart, 1850c [*teste* Pape (1996: 151; “as *Taxigramma* Perris, 1852”)].

FAMILY: SARCOPHAGIDAE.

[*Heterostylum*] **Macquart, 1848b: 231(71).**

CURRENT STATUS: Incorrect original spelling of *Heterostylum* Macquart, 1848b [*teste* Macquart (1851c: 350)].

FAMILY: BOMBYLIIDAE.

182. *Heterostylum* Macquart, 1848b: 195(35).

ORIGINALLY INCLUDED SPECIES: *Heterostylum flavum* Macquart, 1848b.

TYPE SPECIES: *Heterostylum flavum* Macquart, 1848b [= *Tanyglossa hirsuta* Thunberg, 1789], by original designation.

CURRENT STATUS: Valid genus [*teste* Cunha *et al.* (2007: 14)].

FAMILY: BOMBYLIIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1848b): *Heterostylum* (page 195) and *Heterostilum* (page 231). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1851c: 350) acted as First Reviser and selected *Heterostylum* as the correct original spelling. Evenhuis (1991: 44) and Cunha *et al.* (2007: 14) selected the same spelling, but these were later.

[*Hidrophoria*] **Macquart, 1835b: 299 [1835c: 299].**

CURRENT STATUS: Incorrect subsequent spelling of *Hydrophoria* Robineau-Desvoidy, 1830.

FAMILY: ANTHOMYIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[*Hirmoneura*] **Macquart, 1840a: plate 2, figure 7 [1841: plate 2, figure 7].**

CURRENT STATUS: Incorrect subsequent spelling of *Hirmoneura* Meigen, 1820.

FAMILY: NEMESTRINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[*Histricephala*] **Macquart, 1846: 353(225).**

CURRENT STATUS: Incorrect original spelling of *Hystricephala* Macquart, 1846 [*teste* Macquart (1851c: 356)].

FAMILY: TACHINIDAE.

183. *Haematopota* Macquart, 1826b: 489(168) [1834a: 209; 1838b: plate 19; 1846: 360(232); 1850c: 467; 1851c: 341].

CURRENT STATUS: Unjustified emendation of *Haematopota* Meigen, 1803; junior synonym of *Haematopota* Meigen, 1803. **New synonymy.**

FAMILY: TABANIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

184. *Hoplcephala* Macquart, 1846: 283(155).

ORIGINALLY INCLUDED SPECIES: *Hoplcephala tessellata* Macquart, 1846.

TYPE SPECIES: *Hoplcephala tessellata* Macquart, 1846, by original designation.

CURRENT STATUS: Valid genus [*teste* Pape (1996: 89)].

FAMILY: SARCOPHAGIDAE.

185. *Hoplistes* Macquart, 1834a: 253.

ORIGINALLY INCLUDED SPECIES: *Sargus bispinosus* Wiedemann, 1828; *Sargus hortulanus* Wiedemann, 1828; *Hoplistes pomaceus* Macquart, 1834a (with *Sargus hoplistes* Wiedemann, 1828 in synonymy).

TYPE SPECIES: *Sargus hoplistes* Wiedemann, 1828, by absolute tautonymy.

CURRENT STATUS: Junior synonym of *Raphiocera* Macquart, 1834a [*teste* Woodley (2011a: 407)].

FAMILY: STRATIOMYIDAE.

186. Hoplistomera Macquart, 1838c: 59 [1839c: 176].

ORIGINALLY INCLUDED SPECIES: *Laphria serripes* Fabricius, 1805 (with *Laphria maculipennis* Macquart, 1834a in synonymy).

TYPE SPECIES: *Laphria serripes* Fabricius, 1805 (with *Laphria maculipennis* Macquart, 1834a in synonymy), by monotypy.

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 496; as “*Hoplistomerus*”)].

FAMILY: ASILIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1838c): *Hoplistomerus* (page 59) and *Hoplistomera* (pages 60, 200). By subsequent usage by the same author (ICZN *Code* Article 24.2.4), Macquart (1846: 199) acted as First Reviser and selected *Hoplistomera* as the correct original spelling. Verrall in Scudder (1882: 166) selected the same spelling while Bezzi (1903: 138), Edwards & Tobias (1993: 221), and Geller-Grimm (2004: 496) selected *Hoplistomerus* as the correct original spelling, but this was later.

[*Hoplistomerus*] **Macquart, 1838c: 60, 200, plate 5. [1839a: plate 5; 1839c: 175, 316].**

CURRENT STATUS: Incorrect original spelling of *Hoplistomera* Macquart, 1838c [*teste* Macquart (1846: 199)].

FAMILY: ASILIDAE.

187. Hyalomya Macquart, 1834b: 69(205) [1835b: 202; 1835c: 202; 1844: 78(235); 1850c: 526; 1851b: 188; 1851c: 214, 357].

CURRENT STATUS: Unjustified emendation of *Hyalomya* Robineau-Desvoidy, 1830; junior synonym of *Phasia* Latreille, 1804 [*teste* O’Hara & Cerretti (2016: 183)].

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes for two or more names from “mya” to “myia” in the same work [*teste* Evenhuis *et al.* (2010b: 90)]. *Hyalomya* Robineau-Desvoidy, 1830 is currently treated as a junior synonym of *Phasia* Latreille, 1804 [*teste* O’Hara & Cerretti (2016: 183)].

188. Hydrodromia Macquart, 1835b: 658 [1835c: 658].

ORIGINALLY INCLUDED SPECIES: *Heleodromia bipunctata* Haliday, 1833; *Heleodromia stagnalis* Haliday, 1833.

TYPE SPECIES: *Heleodromia stagnalis* Haliday, 1833, by subsequent designation (Coquillett 1903: 251).

CURRENT STATUS: Valid subgenus of *Clinocera* Meigen, 1803 [*teste* Sinclair (2008: 25)].

FAMILY: EMPIDIDAE.

[*Hydrotea*] **Macquart, 1851b: 292.**

CURRENT STATUS: Incorrect subsequent spelling of *Hydrotaea* Robineau-Desvoidy, 1830.

FAMILY: MUSCIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “e” in the same work, Macquart (1851b) used two different spellings for this genus: *Hydrotea* (page 292) and *Hydrotoea* (page 236), both different from the correct spelling. Because of the equivocal nature of the name in this work, we invoke ICZN *Code* Art. 33.5 and treat all usages of ‘*Hydrotea*’ by Macquart (1851b) as incorrect subsequent spellings of *Hydrotaea* Robineau-Desvoidy, 1830.

189. *Hydrotoea* Macquart, 1844: 164, 288, 297(321, 445, 454) [1850c: 533].

CURRENT STATUS: Unjustified emendation of *Hydrotaea* Robineau-Desvoidy, 1830; junior synonym of *Hydrotaea* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: MUSCIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

190. *Hylemyia* Macquart, 1835b: 315, 682 [1835c: 315, 682; 1844: 169, 289(325, 445); 1850c: 534; 1851c: 360].

CURRENT STATUS: Unjustified emendation of *Hylemya* Robineau-Desvoidy, 1830; junior synonym of *Hylemya* Robineau-Desvoidy, 1830 [*teste* Evenhuis *et al.* (2010b: 93)].

FAMILY: ANTHOMYIIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes for two or more names from “mya” to “myia” in the same work.

191. *Hystricephala* Macquart, 1846: 282(154).

ORIGINALLY INCLUDED SPECIES: *Hystricephala nigra* Macquart, 1846.

TYPE SPECIES: *Hystricephala nigra* Macquart, 1846, by monotypy.

CURRENT STATUS: Valid genus [*teste* O’Hara & Cerretti (2016: 141)].

FAMILY: TACHINIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1846): *Hystricephala* (page 154) and *Histricephala* (page 225). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1851c: 356) acted as First Reviser and selected *Hystricephala* as the correct original spelling.

192. *Hystricia* Macquart, 1844: 43(200)

ORIGINALLY INCLUDED SPECIES: *Hystricia nigriventris* Macquart, 1844; *Hystricia amaena* Macquart, 1844; *Hystricia testacea* Macquart, 1844.

TYPE SPECIES: *Hystricia amaena* Macquart, 1844 (as “*Hysticia amoena*”), by subsequent designation (Coquillett 1910: 555).

CURRENT STATUS: Valid genus [*teste* O’Hara & Wood (2004: 290)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Histricia* Rondani, 1863: 17 (unjustified).

193. *Idioptera* Macquart, 1834a: 94.

ORIGINALLY INCLUDED SPECIES: *Idioptera maculata* Macquart, 1834a (with *Limnobia pulchella* Meigen, 1830 in synonymy).

TYPE SPECIES: *Idioptera maculata* Macquart, 1834a [= *Limnobia pulchella* Meigen, 1830], by monotypy.

CURRENT STATUS: Valid genus [*teste* Savchenko *et al.* (1992: 221)].

FAMILY: LIMONIIDAE.

REMARKS: Macquart (1834a: 94) indicated that he received a specimen from Winthem under the name “*Limnobia pulchella*” and named the new genus for the unique characters of the wing. The name on the specimen label is the name given to it by Meigen (1830: 275). It is unclear if this is the same specimen Meigen saw or a different one, but both specimens derive from Hamburg.

194. *Imatisma* Macquart, 1842c: 67(127).

ORIGINALLY INCLUDED SPECIES: *Eristalis posticatus* Fabricius, 1805; *Imatisma orientalis* Macquart, 1842c.

TYPE SPECIES: *Eristalis posticatus* Fabricius, 1805, by original designation.

CURRENT STATUS: Junior synonym of *Mallota* Meigen, 1822 [*teste* Knutson *et al.* (1975: 354)].

FAMILY: SYRPHIDAE.

EMENDATIONS: *Himatisma* Agassiz, 1846b: 182 (unjustified), **n. syn.** [see Appendix I].

[*Iotomia*] **Macquart, 1835b: 299 [1835c: 299].**

CURRENT STATUS: Incorrect subsequent spelling of *Potamia* Robineau-Desvoidy, 1830.

FAMILY: MUSCIDAE.

REMARKS: The errata in Macquart (1835c: 708) indicates this is a lapsus and not an emendation.

195. *Labidigaster* Macquart, 1844: 67(223).

CURRENT STATUS: Unjustified emendation of *Labigastera* Macquart, 1834b; junior synonym of *Labigastera* Macquart, 1834b [*teste* Evenhuis *et al.* (2015: 329)].

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes for two or more names from “gastra/gastera” [feminine suffix] to “gaster” [masculine suffix] [*teste* Evenhuis *et al.* (2015: 329)].

[*Labigaster*] **Macquart, 1835b: 164 [1835c: 164].**

CURRENT STATUS: Incorrect subsequent spelling of *Labigastera* Macquart, 1834b.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

196. *Labigastera* Macquart, 1834b: 108(244).

ORIGINALLY INCLUDED SPECIES: *Tachina forcipata* Meigen, 1824; *Clelia agilis* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Tachina forcipata* Meigen, 1824, by subsequent designation (Brauer 1893: 495).

CURRENT STATUS: Valid genus [*teste* Herting & Dely-Draskovits (1993: 422)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Labidigaster* Macquart, 1844: 67 (unjustified).

197. *Lampria* Macquart, 1838c: 60 [1839c: 176].

ORIGINALLY INCLUDED SPECIES: *Laphria aenea* Fabricius, 1805 (with *Laphria colorata* Boisduval, 1835 in synonymy); *Laphria clavipes* Fabricius, 1805.

TYPE SPECIES: *Laphria clavipes* Fabricius, 1805, by subsequent designation (Coquillett 1910: 557).

CURRENT STATUS: Valid genus [*teste* Papavero (2009b: 98)].

FAMILY: ASILIDAE.

198. *Lamprogaster* Macquart, 1844: 211(368).

ORIGINALLY INCLUDED SPECIES: *Lamprogaster flavipennis* Macquart, 1844.

TYPE SPECIES: *Lamprogaster flavipennis* Macquart, 1844, by monotypy.

CURRENT STATUS: Valid genus [*teste* McAlpine (2001: 139)].

FAMILY: PLATYSTOMATIDAE.

199. *Lamprometopia* Macquart, 1846: 286(158).

ORIGINALLY INCLUDED SPECIES: *Lamprometopia caffra* Macquart, 1846.

TYPE SPECIES: *Lamprometopia caffra* Macquart, 1846, by original designation.

CURRENT STATUS: Valid genus [*teste* Pape (1996: 93)].

FAMILY: SARCOPHAGIDAE.

200. *Lampromyia* Macquart, 1835b: 660 [1835c: 660].

ORIGINALLY INCLUDED SPECIES: *Lampromyia pallida* Macquart, 1835b.

TYPE SPECIES: *Lampromyia pallida* Macquart, 1835b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 170)].

FAMILY: VERMILEONIDAE.

201. *Lasiopalpus* Macquart, 1847a: 63(79).

ORIGINALLY INCLUDED SPECIES: *Lasiopalpus flavitarsis* Macquart, 1847a.

TYPE SPECIES: *Lasiopalpus flavitarsis* Macquart, 1847a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 42)].

FAMILY: TACHINIDAE.

202. *Lasioprosopa* Macquart, 1855b: 82(102).

ORIGINALLY INCLUDED SPECIES: *Lasioprosopa bigotii* Macquart, 1855b.

TYPE SPECIES: *Lasioprosopa bigotii* Macquart, 1855b [= *Corsomyza nigripes* Wiedemann, 1820a], by original designation.

CURRENT STATUS: Junior synonym of *Corsomyza* Wiedemann, 1820a [*teste* Evenhuis & Greathead (1999: 220)].

FAMILY: BOMBYLIIDAE.

[*Launania*] Macquart, 1850c: 547.

CURRENT STATUS: Incorrect subsequent spelling of *Lauxania* Latreille, 1804.

FAMILY: LAUXANIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

203. *Laxenecera* Macquart, 1838c: 77 [1839c: 193].

ORIGINALLY INCLUDED SPECIES: *Laphria bengalensis* Wiedemann, 1821b; *Laxenecera flavibarbis* Macquart, 1838c; *Laxenecera albibarbis* Macquart, 1838c.

TYPE SPECIES: *Laxenecera albibarbis* Macquart, 1838c, by subsequent designation (Hermann 1919: 340).

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 493)].

FAMILY: ASILIDAE.

REMARKS: Tomasovic (2008) gave the method of typification of *Laxenecera* Macquart, 1838c as by original designation, but this is incorrect. A check of Macquart (1838c) shows no wording that can be construed as an original designation. Thus, the designation of *Laxenecera albibarbis* Macquart, 1838c as type species by Hermann (1919: 340) is the earliest subsequent type species designation for this genus.

204. *Lecania* Macquart, 1838c: 131 [1839c: 247].

ORIGINALLY INCLUDED SPECIES: *Lecania rufipes* Macquart, 1838c; *Lecania femorata* Macquart, 1838.

TYPE SPECIES: *Lecania rufipes* Macquart, 1838c, by subsequent designation (Hull 1962: 480).

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 476)].

FAMILY: ASILIDAE.

205. *Leiomyza* Macquart, 1835b: 605 [1835c: 605].

ORIGINALLY INCLUDED SPECIES: *Agromyza glabricula* Meigen, 1830; *Agromyza laevigata* Meigen, 1830.

TYPE SPECIES: *Agromyza glabricula* Meigen, 1830, by subsequent designation (Blanchard 1840: 629; as “*Liomyza*”).

CURRENT STATUS: Valid genus [*teste* Sabrosky (1989a: 553)].

FAMILY: ASTEIIDAE.

[Lemtopeza] **Macquart, 1828: 143.**

CURRENT STATUS: Incorrect original spelling of *Leptopeza* Macquart, 1828 [*teste* this work].

FAMILY: HYBOTIDAE.

REMARKS: See under *Leptopeza* for details on prevailing usage and treating ‘*Lemtopeza*’ of Macquart (1828) as an incorrect original spelling.

206. *Lepiselaga* Macquart, 1838b: 153(157).

ORIGINALLY INCLUDED SPECIES: *Tabanus lepidotus* Wiedemann, 1828.

TYPE SPECIES: *Tabanus lepidotus* Wiedemann, 1828 [= *Tabanus crassipes* Fabricius, 1805], by original designation.

CURRENT STATUS: Valid genus [*teste* Coscarón & Papavero (2009b: 93)].

FAMILY: TABANIDAE.

REMARKS: The name ‘*Lepidoselaga*’ listed by Loew (1869: 6) was treated as an emendation of *Lepiselaga* Macquart, 1838c by subsequent workers [e.g., Osten Sacken (1876: 475), Coscarón & Papavero (2009b: 93)], but this is incorrect. A check of Loew (1869: 6) showed that he merely listed ‘*Lepidoselaga*’ without reference to the original spelling and there are no similar changes in the same work, thus ‘*Lepidoselaga*’ of Loew (1869) is an unavailable name; *i.e.*, either an incorrect subsequent spelling or a subsequent usage of *Lepidoselaga* Agassiz, 1846b, **new status**.

EMENDATIONS: *Lepidoselaga* Agassiz, 1846b: 205 (unjustified).

[Leptomysa] **Macquart, 1835b: 684 [1835c: 684].**

CURRENT STATUS: Incorrect original spelling of *Leptomyza* Macquart, 1835b [*teste* this work].

FAMILY: ANTHOMYZIDAE.

207. *Leptomyza* Macquart, 1835b: 580 [1835c: 580].

CURRENT STATUS: Unnecessary new replacement name for *Anthomyza* Fallén, 1810; junior synonym of *Anthomyza* Fallén, 1810 [*teste* Sabrosky (1999: 174)].

FAMILY: ANTHOMYZIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1835a): *Leptomyza* (page 580) and *Leptomysa* (page 684). Acting as **First Reviser**, we select *Leptomyza* as the correct original spelling. Macquart (1835b: 580) clearly proposed *Leptomyza* as a “substitution” name for *Anthomyza* Fallén, 1810, thinking it was preoccupied by *Anthomyia* Meigen, 1803. Roháček (2006: 83) listed *Leptomyza* as a proposal of a new genus-group name with *Anthomyza gracilis* Fallén, 1823a as type species by subsequent designation of Coquillett (1910: 560), but this is incorrect. Macquart was clearly substituting *Leptomyza* Macquart, 1835b for *Anthomyza* Fallén, 1810, so the typification is the same as for *Anthomyza* Fallén, 1810.

208. *Leptopeza* Macquart, 1828: 143 [1834a: “*explication des planches*”, page 5].

ORIGINALLY INCLUDED SPECIES: *Leptopeza flavipes* Macquart, 1828 (as “*Lemtopeza flavipes*”).

TYPE SPECIES: *Leptopeza flavipes* Macquart, 1828 (as “*Lemtopeza flavipes*”), by monotypy.

CURRENT STATUS: Valid genus [*teste* Yang *et al.* (2007: 331)].

FAMILY: HYBOTIDAE.

REMARKS: The genus was originally spelled as *Lemtopeza*, but [except for a single use each by Macquart (1834a: *explication des planches*, page 5) and Latreille (1829: 459, footnote)] neither Macquart nor other subsequent workers ever used this spelling again, instead preferring to use the spelling *Leptopeza*, and referring to Macquart (1828). We hereby invoke ICZN Code Article 33.3.1 and treat *Leptopeza* Macquart as the correct original spelling by **prevailing usage** and dating from Macquart (1828: 143). ‘*Lemtopeza*’ is thus an incorrect original spelling and an unavailable name, **new status**.

EMENDATIONS: *Lemtopeza* Bigot, 1889: 118 (unjustified).

209. *Leptopezina* Macquart, 1835b: 554 [1835c: 554].

ORIGINALLY INCLUDED SPECIES: *Diastata gracilipes* Meigen, 1830.

TYPE SPECIES: *Diastata gracilipes* Meigen, 1830, by monotypy.

CURRENT STATUS: *Nomen oblitum*; senior (but invalid) synonym of *Campsicnemus* Haliday in Walker, 1851b (*nomen protectum*) [teste Evenhuis (2003b: 3)].

FAMILY: DOLICHOPODIDAE.

REMARKS: In order to preserve stability of nomenclature and taxonomy, Evenhuis (2003b: 3) invoked ICZN Code Article 23.9.2 (Reversal of Precedence) and treated *Campsicnemus* Haliday in Walker, 1851b as a *nomen protectum* and *Leptopezina* Macquart, 1835b as a *nomen oblitum*; whereas acceptance of priority in this case would have retained *Leptopezina* as the oldest valid name for the genus.

210. *Leptostylum* Macquart, 1851b: 180 [1851c: 207].

ORIGINALLY INCLUDED SPECIES: *Leptostylum pulchellum* Macquart, 1851b.

TYPE SPECIES: *Leptostylum pulchellum* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [teste Guimarães (1971: 137)].

FAMILY: TACHINIDAE.

[*Leptotena*] Macquart, 1835b: 644 [1835c: 644].

CURRENT STATUS: Incorrect subsequent spelling of *Lipoptena* Nitzsch, 1818.

FAMILY: HIPPOBOSCIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[*Leptoxida*] Macquart, 1835b: 684 [1835c: 684].

CURRENT STATUS: Incorrect original spelling of *Leptoxyda* Macquart, 1835b [teste Macquart (1844: 290)].

FAMILY: TEPHRITIDAE.

211. *Leptoxyda* Macquart, 1835b: 452 [1835c: 452].

ORIGINALLY INCLUDED SPECIES: *Leptoxyda testacea* Macquart, 1835b.

TYPE SPECIES: *Leptoxyda testacea* Macquart, 1835b, by monotypy.

CURRENT STATUS: Valid subgenus of *Dacus* Fabricius, 1805 [teste Norrbom *et al.* (1999: 136)].

FAMILY: TEPHRITIDAE.

REMARKS: There are two original spellings of this nominal genus in Macquart (1835b): *Leptoxyda* (page 452) and *Leptoxida* (page 684). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1844: 290) acted as First Reviser and selected *Leptoxyda* as the correct original spelling.

EMENDATIONS: *Leptoxida* Agassiz, 1846a: 20 (unjustified).

[*Leptoxys*] Macquart, 1844: 216(373) [1850c: 543].

CURRENT STATUS: Incorrect subsequent spelling of *Leptoxyda* Macquart, 1835b.

FAMILY: TEPHRITIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.
The genus-group name is spelled correctly in the figure legend in Macquart (1844: 290).

212. *Lestremia* Macquart, 1826a: 173(117).

ORIGINALLY INCLUDED SPECIES: *Lestremia cinerea* Macquart, 1826.

TYPE SPECIES: *Lestremia cinerea* Macquart, 1826, by monotypy.

CURRENT STATUS: Valid genus [teste Gagné & Jaschhof (2014: 11)].

FAMILY: CECIDOMYIIDAE.

EMENDATIONS: *Lestremya* Rondani, 1856: 213 (unjustified).

213. *Leucomelina* Macquart, 1851b: 228 [1851c: 255]

ORIGINALLY INCLUDED SPECIES: *Leucomelina pica* Macquart, 1851b.

TYPE SPECIES: *Leucomelina pica* Macquart, 1851b, by original designation.

CURRENT STATUS: Junior synonym of *Limnophora* Robineau-Desvoidy, 1830 [*teste* Carvalho *et al.* (2005: 150)].

FAMILY: MUSCIDAE.

214. *Limnophila* Macquart, 1834a: 95.

ORIGINALLY INCLUDED SPECIES: *Limnobia pictipennis* Meigen, 1818; *Limnobia angustipennis* Meigen, 1818; *Limnobia punctata* Meigen, 1818; *Limnobia sexmaculata* Macquart, 1826a; *Limnobia nigricollis* Meigen, 1830; *Limnobia picta* Meigen, 1818; *Limnophila guttata* Macquart, 1834a; *Limnophila stigmata* Macquart, 1834a; *Limnobia ferruginea* Meigen, 1818 (with “*Limonia flavescens*, Lat. Gen. 4, 259” in synonymy); *Limnobia lineola* Meigen, 1818; *Limnobia dispar* Meigen, 1818; *Limnobia bicolor* Meigen, 1818; *Limnobia barbipes* Meigen, 1818; *Limnobia nemoralis* Meigen, 1818; *Limnobia platyptera* Macquart, 1826; *Limnobia lucorum* Meigen, 1818; *Limnophila pruinosa* Macquart, 1834a; *Limnobia discicollis* Meigen, 1818; *Limnophila sessilis* Macquart, 1834a; *Limnobia immaculata* Meigen, 1818; *Limnobia trentepohlii* Wiedemann, 1828.

TYPE SPECIES: *Limnobia pictipennis* Meigen, 1818, by subsequent designation (Westwood 1840: 128).

CURRENT STATUS: Valid genus [*teste* Savchenko *et al.* (1992: 222)].

FAMILY: LIMONIIDAE.

215. *Limosina* Macquart, 1835b: 571 [1835c: 571].

ORIGINALLY INCLUDED SPECIES: *Borborus silvaticus* Meigen, 1830; *Borborus limosus* Meigen, 1830; *Limosina geniculata* Macquart, 1835b; *Limosina arcuata* Macquart, 1835b; *Borborus ochripes* Meigen, 1830; *Borborus fenestralis* Meigen, 1830; *Borborus clunipes* Meigen, 1830; *Borborus pumilio* Meigen, 1830; *Limosina minima* Macquart, 1835b.

TYPE SPECIES: *Borborus silvaticus* Meigen, 1830, by subsequent designation (Westwood 1840a: 145).

CURRENT STATUS: Valid genus [*teste* Roháček *et al.* in Roháček (2001: 158)].

FAMILY: SPHAEROCERIDAE.

216. *Linnemyia* Macquart, 1834b: 181(317) [1835b: 81; 1835c: 81].

CURRENT STATUS: Unjustified emendation of *Linnaemya* Robineau-Desvoidy, 1830; junior synonym of *Linnaemya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes for two or more names from “mya” to “myia” in the same work.

[Lipoptera] Macquart, 1844: 437(281).

CURRENT STATUS: Incorrect subsequent spelling of *Lipoptena* Nitzsch, 1818.

FAMILY: HIPPOBOSCIDAE.

REMARKS: Macquart (1844: 437) attempted to correct his (1835b: 644) misspelling (*Leptotena*) of *Lipoptena* Nitzsch, 1818 but unfortunately misspelled it once again.

[Lithorhynchus] Macquart, 1851c: 350.

CURRENT STATUS: Incorrect subsequent spelling of *Litorhynchus* Macquart, 1840a.

FAMILY: BOMBYLIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

217. *Litorhynchus* Macquart, 1840a: 78 [1841: 356].

ORIGINALLY INCLUDED SPECIES: *Litorhynchus hamatus* Macquart, 1840a; *Anthrax senicula* Wiedemann, 1828; *Anthrax collaris* Wiedemann, 1828.

TYPE SPECIES: *Litorhynchus hamatus* Macquart, 1840a [= *Anthrax heros* Wiedemann, 1819], by subsequent designation (Coquillett 1910: 562).

CURRENT STATUS: Junior synonym of *Exoprosopa* Macquart, 1840a [teste Evenhuis & Greathead (1999: 347)].

FAMILY: BOMBYLIIDAE.

REMARKS: Bezzi (1924: 3) designated the same type species, but this was later. Oldroyd (1940: 202) designated *Bibio lar* Fabricius, 1781 as type species, but this designation is invalid because it was of a species that was not originally included.

EMENDATIONS: *Litorrhynchus* Bezzi, 1924: 3 (unjustified); *Litorrhynchus* Paramonov, 1939: 26 (unjustified).

218. *Lonchoea* Macquart, 1835b: 512, 685 [1835c: 512, 685; 1844: 407(251); 1850c: 547].

CURRENT STATUS: Unjustified emendation of *Lonchaea* Fallén, 1820b; junior synonym of *Lonchaea* Fallén, 1820b. **New synonymy.**

FAMILY: LONCHAEIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

219. *Lophonotus* Macquart, 1838c: 125 [1839c: 241].

ORIGINALLY INCLUDED SPECIES: *Lophonotus auribarbis* Macquart, 1838c; *Lophonotus tibialis* Macquart, 1838c; *Dasypogon suillus* Fabricius, 1805; *Lophonotus flavibarbis* Macquart, 1838c; *Lophonotus forcipatus* Macquart, 1838c; *Lophonotus incisuralis* Macquart, 1838c; *Lophonotus heteronevrus* Macquart, 1838c; *Lophonotus geniculatus* Macquart, 1838c; *Lophonotus rufus* Macquart, 1838c; *Lophonotus breonii* Macquart, 1838c; *Lophonotus brevipennis* Macquart, 1838c.

TYPE SPECIES: *Lophonotus auribarbis* Macquart, 1838c [= *Dasypogon suillus* Fabricius, 1805], by subsequent designation (Coquillett 1910: 562).

CURRENT STATUS: Preoccupied by *Lophonotus* Stephens, 1834; senior (but invalid) synonym of *Neolophonotus* Engel, 1925b [teste Geller-Grimm (2004: 477)].

FAMILY: ASILIDAE.

220. *Loxonevra* Macquart, 1835b: 446 [1835c: 446].

ORIGINALLY INCLUDED SPECIES: *Dictya decora* Fabricius, 1805.

TYPE SPECIES: *Dictya decora* Fabricius, 1805, by monotypy.

CURRENT STATUS: Valid genus [teste Steyskal (1977: 144; as “*Loxoneura*”)].

FAMILY: PLATYSTOMATIDAE.

221. *Macrochoeta* Macquart, 1851b: 242 [1851c: 269].

ORIGINALLY INCLUDED SPECIES: *Macrochoeta rufipes* Macquart, 1851b.

TYPE SPECIES: *Macrochoeta rufipes* Macquart, 1851b, by original designation.

CURRENT STATUS: Suppressed by action of I.C.Z.N. (1969: 152 [Opinion 867]); senior (but invalid) synonym of *Pygophora* Schiner, 1868 [teste Pont (1989b: 698)].

FAMILY: MUSCIDAE.

REMARKS: *Macrochoeta* Macquart, 1851b is a senior synonym of the more commonly used *Pygophora* Schiner,

1868, and a threat to the stability of nomenclature and taxonomy. As such, an application was brought before the ICZN Commission by Pont (1966) to suppress *Macrochoeta* Macquart, 1851b in favor of *Pygophora* Schiner, 1868. The ICZN Commission voted unanimously in favor of the application and in Opinion 867 (I.C.Z.N. 1969: 152) suppressed *Macrochoeta* Macquart, 1851b for the purposes of the Law of Priority but not for those of the Law of Homonymy.

222. *Macromyia* Macquart, 1835b: 216 [1835c: 216].

CURRENT STATUS: Unjustified emendation of *Macromyia* Robineau-Desvoidy, 1830; junior synonym of *Macromyia* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

223. *Macronevra* Macquart, 1834a: 146.

ORIGINALLY INCLUDED SPECIES: *Macronevra winthemi* Macquart, 1834a (with “*Mycetobia ferruginosa* Meigen, 1830” [as “*Mycetobia ferruginea*”] in synonymy).

TYPE SPECIES: *Macronevra winthemi* Macquart, 1834a, by monotypy.

CURRENT STATUS: Junior synonym of *Diadocidia* Ruthe, 1831 [*teste* Poole (1996: 192)].

FAMILY: DIADOCIDIIDAE.

EMENDATIONS: *Macroneura* Rondani, 1856: 197, 214 (unjustified).

224. *Mallophora* Macquart, 1834a: 300.

ORIGINALLY INCLUDED SPECIES: *Asilus infernalis* Wiedemann, 1821b; *Asilus bomboides* Wiedemann, 1821b; *Mallophora atra* Macquart, 1834a; *Mallophora ardens* Macquart, 1834b; *Mallophora minuta* Macquart, 1834a.

TYPE SPECIES: *Asilus infernalis* Wiedemann, 1821b (as “*M. infernalis*”), by subsequent designation (d’Orbigny 1846a: 609).

CURRENT STATUS: Valid genus [*teste* Papavero (2009b: 35)].

FAMILY: ASILIDAE.

REMARKS: Previous catalogs [e.g., Martin & Wilcox (1965: 396); Martin & Papavero (1970: 72); Geller-Grimm (2004: 477); Papavero (2009b: 35)] gave the typification of *Mallophora* Macquart, 1834a as *Asilus bomboides* Wiedemann, 1821b, via subsequent designation of Coquillett (1910: 565). Evenhuis & Thompson (1990: 236) found an earlier type-species designation of *Asilus infernalis* Wiedemann, 1821b by d’Orbigny (1846a: 609) which, because it is currently treated in *Mallophora* Macquart, 1834a [*teste* Artigas & Angulo (1980: 70)], does not change the generic concept.

225. *Masicera* Macquart, 1834b: 149(285); [1835b: 118; 1835c: 118].

ORIGINALLY INCLUDED SPECIES: *Tachina silvatica* Fallén, 1810; *Phryxe tiphaecola* Robineau-Desvoidy, 1830; *Tachina vertiginosa* Fallén, 1820e (with *Phryxe larvicola* Robineau-Desvoidy, 1830 and *Musca marmorata* Fabricius, 1805 in synonymy); *Phryxe agilis* Robineau-Desvoidy, 1830; *Phryxe florida* Robineau-Desvoidy, 1830; *Phryxe velox* Robineau-Desvoidy, 1830; *Phryxe zonata* Robineau-Desvoidy, 1830; *Phryxe rotundata* Robineau-Desvoidy, 1830; *Phryxe lutescens* Robineau-Desvoidy, 1830; *Phryxe macquarti* Robineau-Desvoidy, 1830.

TYPE SPECIES: Hereby fixed by **present designation** under ICZN Code Art. 70.3.2 as *Phryxe pavoniae* Robineau-Desvoidy, 1830, misidentified as *Tachina silvatica* Fallén, 1810 by Macquart [1834b: 149(285)] and in the subsequent designation by Robineau-Desvoidy (1863: 872) [*teste* Sabrosky (1999: 187)].

CURRENT STATUS: Valid genus [*teste* Herting & Dely-Draskovits (1993: 250)].

FAMILY: TACHINIDAE.

REMARKS: Robineau-Desvoidy (1863: 872) designated *Phryxe pavoniae* Robineau-Desvoidy, 1830, which was not one of the originally included species, as type species. However, because *Tachina silvatica* Fallén, 1810 was listed in synonymy with *Phryxe pavoniae* in Robineau-Desvoidy (1863), the designation is valid.

[Medeterus] **Macquart, 1828: 39 [1834a: 445; 1835b: 686; 1835c: 686; 1839b: 107]**

CURRENT STATUS: Incorrect subsequent spelling of *Medetera* Fischer von Waldheim, 1819 or subsequent usage of *Medeterus* Meigen, 1824.

FAMILY: DOLICHOPODIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work. The earliest emendation (unjustified) of *Medetera* Fischer von Waldheim, 1819 that we have found using the spelling ‘*Medeterus*’ is *Medeterus* Meigen, 1824: 59 [teste Yang *et al.* (2006: 269)].

226. Megalpalpus Macquart, 1834a: 394.

ORIGINALLY INCLUDED SPECIES: *Phthiria capensis* Wiedemann, 1828.

TYPE SPECIES: *Phthiria capensis* Wiedemann, 1828, by monotypy.

CURRENT STATUS: Valid genus [teste Evenhuis & Greathead (1999: 225)].

FAMILY: BOMBYLIIDAE.

227. Megapoda Macquart, 1834a: 288.

ORIGINALLY INCLUDED SPECIES: *Megapoda cyanea* Macquart, 1834a.

TYPE SPECIES: *Megapoda cyanea* Macquart, 1834a [= *Laphria labiata* Fabricius, 1805], by monotypy.

CURRENT STATUS: Valid genus [teste Papavero (2009b: 76)].

FAMILY: ASILIDAE.

228. Megaprosopus Macquart, 1844: 83(240)

ORIGINALLY INCLUDED SPECIES: *Megaprosopus rufiventris* Macquart, 1844 (as “*Megaprosopus rufiventris*. Guérin”).

TYPE SPECIES: *Megaprosopus rufiventris* Macquart, 1844 (as “*Megaprosopus rufiventris*. Guérin”), by monotypy.

CURRENT STATUS: Valid genus [teste O’Hara & Wood (2004: 270)].

FAMILY: TACHINIDAE.

229. Megarhina Macquart, 1838b: 32(36) [1846: 135(7); 1850c: 454; 1851c: 337].

CURRENT STATUS: Unjustified emendation of *Megarhinus* Robineau-Desvoidy, 1827; preoccupied by *Megarhina* Le Peletier & Audinet-Serville, 1828; senior (but invalid) synonym of *Lynchiella* Lahille, 1904 (currently a subgenus of *Toxorhynchites* Theobald, 1901). **New synonymy.**

FAMILY: CULICIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “us” to “a” in the same work. *Megarhinus* Robineau-Desvoidy, 1827 (preoccupied by *Megarhinus* Rafinesque, 1820) is currently treated as a senior (but invalid) synonym of *Lynchiella* Lahille, 1904 (currently a subgenus of *Toxorhynchites* Theobald, 1901) [teste Sabrosky (1999: 190)].

230. Megaspis Macquart, 1842c: 27(87).

ORIGINALLY INCLUDED SPECIES: *Eristalis chrysopygus* Wiedemann, 1819; *Syrphus crassus* Fabricius, 1787 (as “*Megaspis crassus*.—*Eristalis id.*, Fab., Wied.”).

TYPE SPECIES: *Eristalis chrysopygus* Wiedemann, 1819, by subsequent designation (Brunetti 1923: 196).

CURRENT STATUS: Junior synonym of *Phytomia* Guérin, 1833 [teste Thompson (2003: 13)].

FAMILY: SYRPHIDAE.

REMARKS: Thompson & Vockeroth (1989: 451) gave three different authors for *Phytomia*: Wiedemann, Macquart, and Guérin-Ménéville. “Guérin” is the correct spelling for the author (he changed his name back to his birth name Guérin-Ménéville in 1836).

[Megistocera] **Macquart, 1846: 145(17) [1850c: 459].**

CURRENT STATUS: Incorrect subsequent spelling of *Maekistocera* Wiedemann, 1821b.

FAMILY: TIPULIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

231. *Megistogaster* Macquart, 1851b: 185 [1851c: 212].

ORIGINALLY INCLUDED SPECIES: *Megistogaster fuscipennis* Macquart, 1851b; *Megistogaster analis* Macquart, 1851b.

TYPE SPECIES: *Megistogaster fuscipennis* Macquart, 1851b, by subsequent designation (Townsend 1916a: 7).

CURRENT STATUS: Junior synonym of *Cordyligaster* Macquart, 1844 [*teste* Guimarães (1971: 111)].

FAMILY: TACHINIDAE.

REMARKS: In their synonymical list for *Cordyligaster* Macquart, 1844, Fleming *et al.* (2014: 5) gave the method of type fixation for *Megistogaster* Macquart, 1851b as by original designation, but this is incorrect. A check of Macquart (1851b) shows no wording that can be construed as an original designation.

232. *Megistopoda* Macquart, 1852b: 332.

ORIGINALLY INCLUDED SPECIES: *Megistopoda pilatei* Macquart, 1852b.

TYPE SPECIES: *Megistopoda pilatei* Macquart, 1852b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 190)].

FAMILY: HIPPOBOSCIDAE.

233. *Megoera* Macquart, 1834b: 113, 115(249, 251).

CURRENT STATUS: Unjustified emendation of *Megaera* Robineau-Desvoidy, 1830; ***nomen oblitum***; senior synonym of *Senotainia* Macquart, 1846, but here treated as a ***nomen oblitum*** through the ICZN *Code* principle of the Reversal of Precedence [*teste* this work].

FAMILY: SARCOPHAGIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work. *Megaera* Robineau-Desvoidy, 1830 (preoccupied by *Megaera* Wagler, 1830) is currently treated as a senior (but invalid) synonym of *Senotainia* Macquart, 1846 [*teste* Pape (1996: 133)]. *Megoera* Macquart, 1834b has priority over *Senotainia* Macquart, 1846. However, acceptance of priority would cause instability of the current exclusive usage of the common *Senotainia*. *Megoera* Macquart, 1834b has not been used as a valid taxon name since 1899 and *Senotainia* Macquart, 1846 has been used as a valid taxon name in at least 25 papers by 10 different authors within the last 50 years including the following: Asís *et al.* (1991), Chao & Zhang (1988), Dear (1980), Kolomiets (1979), Lelej (2006), Palmeri *et al.* (2003), Pape (1986, 1987, 1988, 1989, 1995, 1996), Pape & Kurahashi (1995), Peckham (1991), Piazza & Marinelli (2001), Pinzauti & Santini (1995), Povolný & Verves (1997), Rohdendorf (1988), Rohdendorf & Verves (1980), Shinonaga & Thinh (2003), Verves (1980, 1988, 1989, 1990, 1994, 1995, 2001), Verves & Gorobchishin (1995). We therefore invoke Reversal of Precedence (ICZN *Code* Article 23.9) and treat *Megoera* Macquart, 1834 as a ***nomen oblitum*** and *Senotainia* Macquart, 1846 as a ***nomen protectum***.

234. *Meracantha* Macquart, 1851b: 258 [1851c: 285].

ORIGINALLY INCLUDED SPECIES: *Meracantha maculipennis* Macquart, 1851b.

TYPE SPECIES: *Meracantha maculipennis* Macquart, 1851b, by original designation.

CURRENT STATUS: Preoccupied by *Meracantha* Kirby, 1837; senior (but invalid) synonym of *Meracanthomyia* Hendel, 1910 [*teste* Norrbom *et al.* (1999: 165)].

FAMILY: TEPHRITIDAE.

[Meriana] **Macquart, 1834b: 169(305).**

CURRENT STATUS: Incorrect subsequent spelling of *Meriania* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

235. Meriana Macquart, 1835b: 101, 102, 103 [1835c: 101, 102, 103].

CURRENT STATUS: Unjustified emendation of *Meriania* Robineau-Desvoidy, 1830; junior synonym of *Panzeria* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ia” to “a” in the same work. *Meriania* Robineau-Desvoidy, 1830 is currently treated as a junior synonym of *Panzeria* Robineau-Desvoidy, 1830 [*teste* Evenhuis *et al.* (2010b: 108)].

236. Merodina Macquart, 1835b: 378 [1835c: 378].

ORIGINALLY INCLUDED SPECIES: *Dacus podagricus* Fabricius, 1805.

TYPE SPECIES: *Dacus podagricus* Fabricius, 1805, by monotypy.

CURRENT STATUS: Junior synonym of *Richardia* Robineau-Desvoidy, 1830 [*teste* Alencar *et al.* (2013: 13)].

FAMILY: RICHARDIIDAE.

237. Mesocera Macquart, 1838c: 173 [1839c: 289].

ORIGINALLY INCLUDED SPECIES: *Mesocera flavicornis* Macquart, 1838c.

TYPE SPECIES: *Mesocera flavicornis* Macquart, 1838c [= *Cyrtus bipunctatus* Wiedemann, 1819], by monotypy.

CURRENT STATUS: Junior synonym of *Psilodera* Gray in Griffith & Pigeon, 1832 [*teste* Schlinger (1980: 379)].

FAMILY: ACROCERIDAE.

238. Mesomyia Macquart, 1850b: 341 [1851c: 37].

ORIGINALLY INCLUDED SPECIES: *Mesomyia decora* Macquart, 1850b.

TYPE SPECIES: *Mesomyia decora* Macquart, 1850b, by monotypy.

CURRENT STATUS: Valid subgenus of *Rhigioglossa* Wiedemann, 1828 [*teste* Chainey (1987: 140)].

FAMILY: TABANIDAE.

REMARKS: Daniels (1989a) followed Chainey & Oldroyd (1980) in treating *Mesomyia* Macquart, 1850b as a genus. Daniels’s manuscript was submitted to the catalog editor (NLE) in late 1986 before Chainey’s (1987) paper came out and the change to subgeneric status of the name was not noted in time to make the correction in the Australasian/Oceanian catalog.

239. Mesophysa Macquart, 1838c: 166 [1839c: 282].

ORIGINALLY INCLUDED SPECIES: *Mesophysa scapularis* Macquart, 1838c; *Mesophysa marginata* Macquart, 1838c.

TYPE SPECIES: *Mesophysa scapularis* Macquart, 1838c [= *Panops flavipes* Latreille, 1811], by subsequent designation (Brunetti 1926: 580).

CURRENT STATUS: Valid genus [*teste* Winteron (2012: 15)].

FAMILY: ACROCERIDAE.

REMARKS: An earlier type designation by Westwood (1876: 517) of *Mesophysa australiae* Thomson, 1869 (as “*Australasiae*”) is not valid as it was not an originally included species.

240. Metopina Macquart, 1835b: 666 [1835c: 666].

ORIGINALLY INCLUDED SPECIES: *Phora galeata* Haliday, 1833.

TYPE SPECIES: *Phora galeata* Haliday, 1833, by monotypy.

CURRENT STATUS: Valid genus [*teste* Disney (1991: 189)].

FAMILY: PHORIDAE.

241. Metoponia Macquart, 1847a: 28(44).

ORIGINALLY INCLUDED SPECIES: *Metoponia rubriceps* Macquart, 1847a.

TYPE SPECIES: *Metoponia rubriceps* Macquart, 1847a, by original designation.

CURRENT STATUS: Preoccupied by *Metoponia* Duponchel, 1845; senior (but invalid) synonym of *Inopus* Walker, 1850 [*teste* Woodley (2001: 48)].

FAMILY: STRATIOMYIDAE.

242. Michogaster Macquart, 1835b: 483 [1835c: 483].

ORIGINALLY INCLUDED SPECIES: *Cephalia femoralis* Wiedemann, 1830; *Polystodes ichneumoneus* Robineau-Desvoidy, 1830; *Myrmecomya formicaria* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Cephalia femoralis* Wiedemann, 1830, by subsequent designation (Schiner 1868: 255).

CURRENT STATUS: Junior synonym of *Setellia* Robineau-Desvoidy, 1830 [*teste* Steyskal (1968a: 11)].

FAMILY: RICHARDIIDAE.

REMARKS: Loew (1873: 99) also designated *Cephalia femoralis* Wiedemann, 1830 as type species, but this was later.

EMENDATIONS: *Mischogaster* Loew, 1873: 11 (unjustified); *Mischogastra* Loew, 1873: 22 (unjustified).

243. Michotamia Macquart, 1838c: 72 [1839c: 188].

ORIGINALLY INCLUDED SPECIES: *Michotamia analis* Macquart, 1838c.

TYPE SPECIES: *Michotamia analis* Macquart, 1838c, by monotypy.

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 498)].

FAMILY: ASILIDAE.

244. Microcerella Macquart, 1851b: 209 [1851c: 236].

ORIGINALLY INCLUDED SPECIES: *Microcerella rufomaculata* Macquart, 1851b.

TYPE SPECIES: *Microcerella rufomaculata* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Pape (1996: 250)].

FAMILY: SARCOPHAGIDAE.

245. Microcheilosia Macquart, 1855f: 183, 203.

ORIGINALLY INCLUDED SPECIES: *Microcheilosia nitida* Macquart, 1855f (as “*Microcheiolosia nitida*”).

TYPE SPECIES: *Microcheilosia nitida* Macquart, 1855f (as “*Microcheiolosia nitida*”), by monotypy.

CURRENT STATUS: Listed under “Doubtful taxa in Tachinidae” [*teste* Herting & Dely-Draskovits (1993: 437)].

FAMILY: TACHINIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1855f): *Microcheilosia* (page 183, 203) and *Microcheiolosia* (page 184). Acting as **First Reviser**, we select *Microcheilosia* as the correct original spelling.

[Microcheilosia] **Macquart, 1855f: 184.**

CURRENT STATUS: Incorrect original spelling of *Microcheilosia* Macquart, 1855f [*teste* this work].

FAMILY: TACHINIDAE.

246. *Microchylum* Macquart, 1851b: 229 [1851c: 256].

ORIGINALLY INCLUDED SPECIES: *Microchylum vittatum* Macquart, 1851b.

TYPE SPECIES: *Microchylum vittatum* Macquart, 1851b, by original designation.

CURRENT STATUS: Junior synonym of *Limnophora* Robineau-Desvoidy, 1830 [*teste* Carvalho *et al.* (2005: 150)].

FAMILY: MUSCIDAE.

247. *Micropalpis* Macquart, 1834b: 180(316).

ORIGINALLY INCLUDED SPECIES: *Bonnettia oenanthis* Robineau-Desvoidy, 1830 (as “*M. oenanthi*”); *Tachina vulpina* Fallén, 1810 (with *Linnaemya silvestris* Robineau-Desvoidy, 1830 [as “*Linnemyia silvestris*”] in synonymy); *Linnaemya heraclei* Robineau-Desvoidy, 1830 (as “*Linnemyia her.*”); *Linnaemya borealis* Robineau-Desvoidy, 1830 (as “*Linnemyia bor.*”); *Tachina haemorrhoidalis* Fallén, 1810 (as “*Tachina haem.*” with *Bonellia tessellans* Robineau-Desvoidy, 1830 [as “*Bonnellia tessellans*”] in synonymy); *Bonellia rubiginosa* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Tachina vulpina* Fallén, 1810 (as “*Micropalpis vulpinus*”), by subsequent designation (d’Orbigny 1846b: 200).

CURRENT STATUS: Junior synonym of *Linnaemya* Robineau-Desvoidy, 1830 [*teste* O’Hara & Cerretti (2016: 189)].

FAMILY: TACHINIDAE.

REMARKS: De Galdo (1856: 575) and Rondani (1856: 63) designated the same type species and Townsend (1916a: 7) designated *Bonnettia oenanthis* Robineau-Desvoidy, 1830, but these designations were later. Westwood (1840: 138) designated *Tachina fulgens* Meigen, 1824, but this was not an originally included species.

EMENDATIONS: *Micropalpus* Herting, 1984: 96 (unjustified).

[*Micropalpus*] **Macquart, 1835b: 80 [1835c: 80; 1844: 45(202); 1845a: 269; 1846: 277(149); 1847a: 65(81); 1848a: 133; 1848b: 204(44); 1851b: 148; 1851c: 175; 1855b: 99(119)].**

CURRENT STATUS: Incorrect subsequent spelling of *Micropalpis* Macquart, 1834b.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works. Additionally, the heading in Macquart (1835b: 80; 1844: 45) of “*MICROPALPUS, Nob.*” is not an indication of a proposal of a new genus. The “*Nob.*” is the abbreviation of “*nobis*” [= “our”], which is the Latin plural of *mihi* [= “mine”], thus Macquart was merely referring to this as “our” name or generic concept.

248. *Microphor* Macquart, 1828: 139.

ORIGINALLY INCLUDED SPECIES: *Microphor crassipes* Macquart, 1828; *Microphor velutinus* Macquart, 1828; *Microphor pusillus* Macquart, 1828.

TYPE SPECIES: *Microphor velutinus* Macquart, 1828, by subsequent designation (Rondani 1856: 151).

CURRENT STATUS: Valid genus [*teste* Yang *et al.* (2007: 316)].

FAMILY: DOLICHOPODIDAE.

REMARKS: Sabrosky (1999: 198) listed *Microphora* of Zetterstedt (1842: 253) as an emendation for *Microphorus*, not *Microphor*. Since *Microphorus* (of Macquart, 1834a: 345) is not an available name, there can be no emendation. Thus, ‘*Microphora*’ of Zetterstedt (1842) is an unavailable name, **new status**.

EMENDATIONS: *Microphorus* Lundbeck, 1907: 189 (unjustified), **n. syn.** [see Appendix I]; *Microphorus* Kertész, 1909b: 101 (unjustified).

[Microphora] **Macquart, 1850c: 477.**

CURRENT STATUS: Incorrect subsequent spelling of *Microphor* Macquart, 1828.

FAMILY: DOLICHOPODIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[Microphorus] **Macquart, 1834a: 345 [1835b: 687; 1835c: 687].**

CURRENT STATUS: Incorrect subsequent spelling of *Microphor* Macquart, 1828.

FAMILY: DOLICHOPODIDAE.

REMARKS: This name has been considered an emendation in previous catalogs [e.g., Yang *et al.* (2007: 316)], but this is incorrect. A check of Macquart (1834a, 1835b, 1835c) shows no criteria to make the name available as an emendation in those works, thus '*Microphorus*' is an unavailable name, **new status**.

249. Microphthalma Macquart, 1844: 84(241).

ORIGINALLY INCLUDED SPECIES: *Microphthalma nigra* Macquart, 1844.

TYPE SPECIES: *Microphthalma nigra* Macquart, 1844, by original designation.

CURRENT STATUS: Valid genus [*teste* O'Hara & Cerretti (2016: 212)].

FAMILY: TACHINIDAE.

250. Microsoma Macquart, 1855d: 37.

ORIGINALLY INCLUDED SPECIES: *Microsoma nigra* Macquart, 1855d.

TYPE SPECIES: *Microsoma nigra* Macquart, 1855d [= *Tachina exigua* Meigen, 1824], by monotypy.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 199)].

FAMILY: TACHINIDAE.

251. Microstylum Macquart, 1838c: 26 [1839c: 142].

ORIGINALLY INCLUDED SPECIES: *Dasypogon venosus* Wiedemann, 1821b; *Dasypogon afer* Wiedemann, 1828; *Microstylum rubripes* Macquart, 1838c; *Microstylum cilipes* Macquart, 1838c; *Dasypogon barbarossa* Wiedemann, 1828; *Dasypogon apicalis* Wiedemann, 1821b; *Asilus chinensis* Fabricius, 1794 (as "*Microstylum sinense*. *Dasypogon id. Fab.*,"; with *Dasypogon dux* Wiedemann, 1828 in synonymy); *Microstylum longipes* Macquart, 1838c; *Microstylum fuscipenne* Macquart, 1838c; *Microstylum rufiventre* Macquart, 1838c.

TYPE SPECIES: *Dasypogon venosus* Wiedemann, 1821b, by subsequent designation (Back 1909: 213).

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 503)].

FAMILY: ASILIDAE.

REMARKS: Lehr (1988: 249) listed a "*Microstylum sinense* Macquart, 1838" and treated it as an unjustified new replacement name for *Dasypogon dux* Wiedemann, 1828. However, the listing in Macquart (1838b: 29), as "*Microstylum sinense*. *Dasypogon id. Fab.*", is merely an incorrect subsequent spelling of Fabricius's treatment of *Asilus chinensis* Fabricius, 1794 in *Dasypogon*. Thus, the name "*Microstylum sinense* Macquart, 1838" is an unavailable name, **new status**.

252. Microtrichodes Macquart, 1846: 288(160).

ORIGINALLY INCLUDED SPECIES: *Microtrichodes analis* Macquart, 1846.

TYPE SPECIES: *Microtrichodes analis* Macquart, 1846, by original designation.

CURRENT STATUS: Junior synonym of *Winthemis* Robineau-Desvoidy, 1830 [*teste* Coelho *et al.* (1989: 273)].

FAMILY: TACHINIDAE.

REMARKS: Although Guimarães (1971: 196) correctly gave the method of typification of *Microtrichodes* Macquart, 1846 as by original designation, Coelho *et al.* (1989: 273) listed it as by monotypy. A check of Macquart (1846) shows that there is the following statement: "*Le type de ce genre est du Brésil*". This refers to

the only included species, *Microtrichodes analis* Macquart, 1846, which is listed as being collected: “*Du Brésil, Minas Geraes*”. This suffices as an original designation.

253. *Microtropesa* Macquart, 1846: 313(185).

ORIGINALLY INCLUDED SPECIES: *Musca sinuata* Donovan, 1805.

TYPE SPECIES: *Musca sinuata* Donovan, 1805, by original designation.

CURRENT STATUS: Valid genus [*teste* Burwell (1996: 212)].

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 761) and Burwell (1996: 212) gave the method of typification of *Microtropesa* Macquart, 1846 as by monotypy, but this is incorrect. A check of Macquart (1846: 313) shows that there is the following statement: “*Le type de ce genre est de la Nouvelle-Hollande et de la Tasmanie*”. This refers to the only included species, *Musca sinuata* Donovan, 1805, which Donovan (1805) originally described on a specimen from “New Holland” and of which Macquart (1846: 314) examined a specimen from “*Tasmanie*”. This suffices as an original designation.

EMENDATIONS: *Microtropeza* Macquart, 1851c: 331 (unjustified).

[*Microtropeza*] **Macquart, 1851b: 292.**

CURRENT STATUS: Incorrect subsequent spelling of *Microtropesa* Macquart, 1846.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

254. *Microtropeza* Macquart, 1851c: 331, 357.

CURRENT STATUS: Unjustified emendation of *Microtropesa* Macquart, 1846; junior synonym of *Microtropesa* Macquart, 1846 [*teste* Evenhuis *et al.* (2015: 171)].

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “pesa” to “peza” in the same work [*teste* Evenhuis *et al.* (2015: 171)].

[*Miltogramma*] **Macquart, 1845a: 246.**

CURRENT STATUS: Incorrect subsequent spelling of *Miltogramma* Meigen, 1803.

FAMILY: SARCOPHAGIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Misolampra*] **Macquart, 1850b: 472, plate 14. [1851c: 168].**

CURRENT STATUS: Incorrect original spelling of *Hemilampra* Macquart, 1850b [*teste* Macquart (1851c: 354)].

FAMILY: SYRPHIDAE.

[*Mittogramma*] **Macquart, 1851c: 356.**

CURRENT STATUS: Incorrect subsequent spelling of *Miltogramma* Meigen, 1803.

FAMILY: SARCOPHAGIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

255. *Mixogaster* Macquart, 1842c: 14(74).

ORIGINALLY INCLUDED SPECIES: *Mixogaster conopsoides* Macquart, 1842c.

TYPE SPECIES: *Mixogaster conopsoides* Macquart, 1842c, by original designation.

CURRENT STATUS: Valid genus [*teste* Reemer & Ståhls (2013: 52)].

FAMILY: SYRPHIDAE.

EMENDATIONS: *Myxogaster* Kertész, 1910: 351 (unjustified).

256. *Mixtemyia* Macquart, 1834a: 491.

ORIGINALLY INCLUDED SPECIES: *Paragus quadrifasciatus* Say, 1824 (as “*Mixtemyia quadrifasciata*.—*Psarus* id. Wied. Auss. Zweif. n°. 2”).

TYPE SPECIES: *Paragus quadrifasciatus* Say, 1824 (as “*Mixtemyia quadrifasciata*.—*Psarus* id. Wied. Auss. Zweif. n°. 2”) [preoccupied by *Paragus quadrifasciatus* Meigen, 1822; = *Paragus sayi* Goot, 1964], by monotypy.

CURRENT STATUS: Junior synonym of *Spilomyia* Meigen, 1803 [*teste* Poole (1996: 268)].

FAMILY: SYRPHIDAE.

EMENDATIONS: *Mictomyia* Agassiz, 1846b: 234, 236 (unjustified); *Myxomyia* Kertész, 1910: 332 (unjustified).

[*Moblorus*] *Macquart*, 1850c: 463.

CURRENT STATUS: Incorrect subsequent spelling of *Molobrus* Latreille, 1805.

FAMILY: SCIARIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

257. *Moegistocera* Macquart, 1834a: 113 [1835b: 688; 1835c: 688.]

CURRENT STATUS: Unjustified emendation of *Maekistocera* Wiedemann, 1821b; junior synonym of *Maekistocera* Wiedemann, 1821b [*teste* Evenhuis & Pont (2013: 31)].

FAMILY: TIPULIDAE.

REMARKS: Name made available as an emendation [*teste* Evenhuis & Pont (2013: 31)] by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

258. *Moegistorhynchus* Macquart, 1840a: 12 [1841: 290].

ORIGINALLY INCLUDED SPECIES: *Nemestrina longirostris* Wiedemann, 1819; *Nemestrina brevirostris* Wiedemann, 1821b.

TYPE SPECIES: *Nemestrina longirostris* Wiedemann, 1819, by subsequent designation (Bequaert 1935: 491).

CURRENT STATUS: Valid genus [*teste* Barraclough (2006: 47)].

FAMILY: NEMESTRINIDAE.

REMARKS: Bequaert (1935: 491) indicated that the type species was by original designation. A check of Macquart (1840a) shows that there was no such designation. The phrase “*nous l’en séparons pour en former ce genre*” in Macquart (1840a: 13) is not specific enough to be used as a type designation [see Evenhuis & Thompson (1990) and Sabrosky (1999) for detailed explanations for exclusions of such phraseology from valid type designations]. Thus, Bequaert’s (1935) designation is the earliest valid subsequent designation for *Moegistorhynchus* Macquart, 1840a.

EMENDATIONS: *Megistorhynchus* Agassiz, 1846b: 227, 236 (unjustified).

[*Myxogaster*] *Macquart*, 1846: 351(223).

CURRENT STATUS: Incorrect subsequent spelling of *Mixogaster* Macquart, 1842c.

FAMILY: SYRPHIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “i” to “y” in the same work, Macquart (1846: 123, 234) also used the correct spelling *Mixogaster*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Myxogaster*’ in Macquart (1846) as incorrect subsequent spellings of *Mixogaster* Macquart, 1842c.

[*Nemapalpus*] **Macquart, 1838b: 81(85).**

CURRENT STATUS: Incorrect original spelling of *Nemopalpus* Macquart, 1838b [*teste* Macquart (1839a: plate 4, figure 5)].

FAMILY: PSYCHODIDAE.

[*Nemestrina*] **Macquart, 1834a: 372 [1840a: 14; 1841: 292; 1850c: 481; 1851c: 348].**

CURRENT STATUS: Incorrect subsequent spelling of *Nemestrinus* Latreille, 1802 or subsequent usage of *Nemestrina* Latreille, 1809.

FAMILY: NEMESTRINIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “us” to “a” in the same work, the earliest emendation (unjustified) of *Nemestrinus* Latreille, 1802 that we have found using the spelling ‘*Nemestrina*’ is *Nemestrina* Latreille, 1809: 307 as an unjustified emendation [see Evenhuis & Pont (2013: 75)]. Because of the equivocal nature of the name in these works, we invoke ICZN Code Article 33.5 and treat all usages of ‘*Nemestrina*’ by Macquart in the above listed works as incorrect subsequent spellings of *Nemestrinus* Latreille, 1802.

259. *Nemopalpus* Macquart, 1838b: 219(223) [1839b: 102].

ORIGINALLY INCLUDED SPECIES: *Nemopalpus flavus* Macquart, 1838b.

TYPE SPECIES: *Nemopalpus flavus* Macquart, 1838b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Kvifte (2012: 31); as “*Nemapalpus*”].

FAMILY: PSYCHODIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1838b): *Nemopalpus* (page 219) and *Nemapalpus* (page 81). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1839a: plate 4, figure 5) acted as First Reviser and selected *Nemopalpus* as the correct original spelling. Bigot & Verrall in Scudder (1882: 222) selected the same spelling, but this was later. Sabrosky (1999: 211–212) gave a detailed history of the usage and confusion of the two spellings (he himself even proposing a First Reviser action if he was found to be the first), but apparently failed to realize that the multiple original spellings could be resolved by subsequent usage by the author under ICZN Code Article 24.2.4.

260. *Nemorea* Macquart, 1834b: 165(301).

CURRENT STATUS: Unjustified emendation of *Nemoraeta* Robineau-Desvoidy, 1830; junior synonym of *Nemoraeta* Robineau-Desvoidy, 1830 [*teste* O’Hara & Cerretti (2016: 221)].

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “e” in the same work.

[*Nemoroea*] **Macquart, 1835b: 100 [1835c: 100].**

CURRENT STATUS: Incorrect subsequent spelling of *Nemoraeta* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work, Macquart (1835b: 100, 689) also used the correct spelling *Nemoraeta*. Because of the equivocal nature of the name in these works, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Nemoroea*’ by Macquart in the above listed works as incorrect subsequent spellings of *Nemoraeta* Robineau-Desvoidy, 1830.

261. *Nemoroea* Macquart, 1844: 300(456) [1846: 282, 353(154, 225); 1850c: 517; 1851b: 293; 1851c: 320, 356].

CURRENT STATUS: Unjustified emendation of *Nemoraeta* Robineau-Desvoidy, 1830; junior synonym of *Nemoraeta*

Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

[Nemotetus] **Macquart, 1826b: 376(55).**

CURRENT STATUS: Incorrect subsequent spelling of *Nemotelus* Geoffroy, 1762.

FAMILY: STRATIOMYIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

262. Notacanthina Macquart, 1835b: 441 [1835b: 441].

ORIGINALLY INCLUDED SPECIES: *Scathophaga bispinosa* Fabricius, 1805 (as “*Scatophaga id. [= bispinosa]* Fab. S. Antl. n°. 340”).

TYPE SPECIES: *Scathophaga bispinosa* Fabricius, 1805 (as “*Scatophaga id. [= bispinosa]* Fab. S. Antl. n°. 340”), by monotypy.

CURRENT STATUS: Senior synonym of *Beckeriella* Williston, 1897. **New synonymy.**

FAMILY: EPHYDRIDAE.

REMARKS: This genus has not been treated in any recent regional catalog, but the online database *Systema Dipteriorum* (Pape & Thompson 2013) lists *Notacanthina* Macquart, 1835b as a valid genus unplaced in the acalyptrate Diptera. Bezzi (1919: 175) was the last to mention the genus-group name [in “Borboridae”; but the world catalog of Sphaeroceridae (Roháček 2001) did not include it, even among the names removed from Sphaeroceridae]. However, the only included and type species, *Scathophaga bispinosa* Fabricius, 1805 (as “*Scatophaga id. [= bispinosa]* Fab. S. Antl. n°. 340”), has indeed been treated in recent catalogs as the taxonomically valid name for the type species of *Beckeriella* Williston, 1897 in Ephydridae, thus our treatment here of *Beckeriella* Williston, 1897 as a junior synonym of *Notacanthina* Macquart, 1835b, **n. syn.**

[Nyctebibea] **Macquart, 1851b: 293 [1851c: 320].**

CURRENT STATUS: Incorrect subsequent spelling of *Nycteribia* Latreille, 1797.

FAMILY: HIPPOBOSCIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

263. Ochromyia Macquart, 1835b: 248 [1835c: 248].

ORIGINALLY INCLUDED SPECIES: *Musca jejuna* Fabricius, 1787 (with *Bengalia testacea* Robineau-Desvoidy, 1830 in synonymy); *Phumosia abdominalis* Robineau-Desvoidy, 1830; *Ormia punctata* Robineau-Desvoidy, 1830; *Ochromyia hyalipennis* Macquart, 1835b (with *Palpostoma testacea* Robineau-Desvoidy, 1830 in synonymy).

TYPE SPECIES: *Musca jejuna* Fabricius, 1787, by original designation.

CURRENT STATUS: Junior synonym of *Bengalia* Robineau-Desvoidy, 1830 [teste Rognes (2011: 53)].

FAMILY: CALLIPHORIDAE.

REMARKS: Lehrer (2005: 142) treated *Ochromyia* Macquart, 1835b as a valid genus, but distorted the nomenclature and taxonomy of this nominal genus by unnecessarily proposing a new species, *Ochromyia jejutoria* Lehrer, 2005, as type species. Rognes (2006) interpreted the errant actions by Lehrer to mean that *Ochromyia* of Lehrer (2005) was a proposal of a new nominal genus-group name, invalidated due to its homonymy with *Ochromyia* Macquart, 1835b. To further confuse nomenclatural matters, Lehrer (2006: 13) proposed a new genus-group name, *Sindhigalia* Lehrer, 2006, for his *Ochromyia jejutoria* claiming its necessity because the type species of *Ochromyia* Macquart, 1835b, *Musca jejuna* Fabricius, 1787, was unrecognizable. We follow Rognes (2011: 53) in treating *Ochromyia* Macquart, 1835b as a junior synonym of *Bengalia* Robineau-Desvoidy, 1830.

264. *Ochroplevrum* Macquart, 1851b: 184 [1851c: 211].

ORIGINALLY INCLUDED SPECIES: *Ochroplevrum javanum* Macquart, 1851b.

TYPE SPECIES: *Ochroplevrum javanum* Macquart, 1851b, by original designation.

CURRENT STATUS: Junior synonym of *Thelaira* Robineau-Desvoidy, 1830 [*teste* Cantrell & Crosskey (1989: 752)].

FAMILY: TACHINIDAE.

[*Ochthiphila*] Macquart, 1835b: 545.

CURRENT STATUS: Incorrect subsequent spelling of *Ochthiphila* Fallén, 1823d.

FAMILY: CHAMAEMYIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

265. *Ochthiphila* Macquart, 1850c: 549.

CURRENT STATUS: Unjustified emendation of *Ochthiphila* Fallén, 1823d; junior synonym of *Chamaemyia* Meigen, 1803. **New synonymy.**

FAMILY: CHAMAEMYIIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “t” to “th” in the same work. *Ochthiphila* Fallén, 1823d is currently treated as a junior synonym of *Chamaemyia* Meigen, 1803 [*teste* Sabrosky (1999: 218)].

266. *Ocydromyia* Macquart, 1823: 145.

CURRENT STATUS: Unjustified emendation of *Ocydromia* Meigen, 1820; junior synonym of *Ocydromia* Meigen, 1820. **New synonymy.**

FAMILY: HYBOTIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mia” to “myia” in the same work.

[*Ocyplera*] Macquart, 1844: 285(441).

CURRENT STATUS: Incorrect subsequent spelling of *Ocyptera* Latreille, 1804.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

267. *Ocyptamus* Macquart, 1834a: 554.

ORIGINALLY INCLUDED SPECIES: *Ocyptamus funebris* Macquart, 1834a; *Ocyptamus fascipennis* Macquart, 1834a.

TYPE SPECIES: *Ocyptamus fascipennis* Macquart, 1834a, by subsequent designation (Coquillett 1910: 577).

CURRENT STATUS: Valid genus [*teste* Thompson *et al.* (1976: 11)].

FAMILY: SYRPHIDAE.

[*Ocyptara*] Macquart, 1835b: 69 [1835c: 69].

CURRENT STATUS: Incorrect subsequent spelling of *Ocyptera* Latreille, 1804.

FAMILY: TACHINIDAE.

REMARKS: The errata in Macquart (1835c: 707) indicates that this is a lapsus and not an emendation.

268. *Odontocera* Macquart, 1835b: 614 [1835c: 614].

ORIGINALLY INCLUDED SPECIES: *Chlorops denticornis* Panzer, 1806 (with *Chlorops meigenii* Fallén, 1823a in synonymy); *Agromyza acuticornis* Meigen, 1830; *Agromyza confinis* Meigen, 1830; *Agromyza affinis* Meigen,

1830; *Odontocera spinicornis* Macquart, 1835b.

TYPE SPECIES: *Chlorops denticornis* Panzer, 1806, by original designation.

CURRENT STATUS: Preoccupied by *Odontocera* Audinet-Serville, 1834; junior synonym of *Cerodontha* Rondani, 1861 [*teste* Boucher (2002: 579)].

FAMILY: AGROMYZIDAE.

269. *Odontomera* Macquart, 1844: 215(372)

ORIGINALLY INCLUDED SPECIES: *Odontomera ferruginea* Macquart, 1844.

TYPE SPECIES: *Odontomera ferruginea* Macquart, 1844, by monotypy.

CURRENT STATUS: Valid genus [*teste* Steyskal (1968a: 6)].

FAMILY: RICHARDIIDAE.

[*Oeroxys*] **Macquart, 1848: 222(62).**

CURRENT STATUS: Incorrect subsequent spelling of *Ceroxys* Macquart, 1835b.

FAMILY: ULIDIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

270. *Ogcodocera* Macquart, 1840a: 83 [1841: 361].

ORIGINALLY INCLUDED SPECIES: *Ogcodocera dimidiata* Macquart, 1840a.

TYPE SPECIES: *Ogcodocera dimidiata* Macquart, 1840a [= *Mulio leucoprocta* Wiedemann, 1828], by original designation.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 277)].

FAMILY: BOMBYLIIDAE.

REMARKS: Evenhuis (1991: 55) and Evenhuis & Greathead (1999: 277) gave the method of typification of *Ogcodocera* Macquart, 1840a as by monotypy, but this is incorrect. A check of Macquart (1840a: 83) shows that there is the following statement: “*Le type de ce genre est un Diptère de l’Amérique septentrionale*”. This refers to the only included species, *Ogcodocera dimidiata* Macquart, 1840a, which is listed as being from “*l’Amérique septentrionale*”. This suffices as an original designation.

EMENDATIONS: *Oncodocera* Agassiz, 1846b: 257 (unjustified); *Onchodocera* Williston, 1908: 216 (unjustified).

271. *Oliviera* Macquart, 1835b: 168 [1835c: 168].

CURRENT STATUS: Unjustified emendation of *Olivieria* Robineau-Desvoidy, 1830; junior synonym of *Eriothrix* Meigen, 1803. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ia” to “a” in the same work.

272. *Omalcephala* Macquart, 1844: 231(388).

ORIGINALLY INCLUDED SPECIES: *Omalcephala fusca* Macquart, 1844.

TYPE SPECIES: *Omalcephala fusca* Macquart, 1844, by monotypy.

CURRENT STATUS: Preoccupied by *Omalcephala* Spinola, 1839; junior synonym of *Setellia* Robineau-Desvoidy, 1830 [*teste* Steyskal (1968a: 11)].

FAMILY: RICHARDIIDAE.

EMENDATIONS: *Homalocephala* Agassiz, 1846b: 184 (unjustified), **n. syn.** [see Appendix I].

273. *Omalogaster* Macquart, 1834b: 51(187).

ORIGINALLY INCLUDED SPECIES: *Myostoma scutellaris* Robineau-Desvoidy, 1830; *Billaea grisea* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Billaea grisea* Robineau-Desvoidy, 1830 [= *Dexia pectinata* Meigen, 1826], by subsequent designation (Townsend 1916a: 8).

CURRENT STATUS: Junior synonym of *Billaea* Robineau-Desvoidy, 1830 [*teste* O'Hara & Cerretti (2016: 36)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Homalogaster* Agassiz, 1846b: 184 (unjustified); *Homalogaster* Bezzi & Stein, 1907: 441 (unjustified).

274. *Onuxicera* Macquart, 1855a: 737.

ORIGINALLY INCLUDED SPECIES: None.

FIRST INCLUDED SPECIES: *Agculocera nigra* Macquart, 1855d (in this work).

TYPE SPECIES: *Agculocera nigra* Macquart, 1855d [= *Tachina acuticornis* Meigen, 1824], by **present designation**.

CURRENT STATUS: Junior synonym of *Acemya* Robineau-Desvoidy, 1830 [*teste* Herting & Dely-Draskovits (1993: 172)].

FAMILY: TACHINIDAE.

REMARKS: *Onuxicera* was made available by characters given in Macquart (1855a: 737). No species were included. In Macquart (1855d: 24) the name *Agculocera* Macquart, 1855d was used for the same generic concept as *Onuxicera* (Macquart no doubt decided on a different name but made no mention of his earlier name *Onuxicera*) and one species was included, *Agculocera nigra* Macquart, 1855d. We here fix *Agculocera nigra* Macquart, 1855d as the type species of *Onuxicera* Macquart, 1855a, by **present designation**. *Agculocera nigra* Macquart, 1855d is currently treated as a junior synonym of *Tachina acuticornis* Meigen, 1824 [*teste* Herting & Dely-Draskovits (1993: 172)]. If *Agculocera nigra* Macquart, 1855d is ever removed from synonymy with *Acemya* Robineau-Desvoidy, 1830, *Onuxicera* Macquart, 1855a would be the oldest available genus-group name for the species.

EMENDATIONS: *Onychocera* Mik, 1866: 309 (unjustified); *Onychocera* Bezzi & Stein, 1907: 333 (unjustified).

275. *Oodigaster* Macquart, 1854e: 397.

ORIGINALLY INCLUDED SPECIES: *Tachina doris* Meigen, 1824; *Tachina bella* Meigen, 1824; *Tachina morosa* Meigen, 1824; *Oodigaster distantipennis* Macquart, 1854e; *Tachina corusca* Meigen, 1824; *Tachina agrestis* Fallén, 1810; *Oodigaster micans* Macquart, 1854e; *Oodigaster apicalis* Macquart, 1854e; *Oodigaster coesifrons* Macquart, 1854e; *Tachina urbana* Meigen, 1824; *Oodigaster flavidipennis* Macquart, 1854e; *Tachina bimaculata* Meigen, 1838; *Tachina rapida* Meigen, 1824; *Tachina gratiosa* Meigen, 1824; *Oodigaster fasciata* Macquart, 1854e; *Tachina brevipennis* Meigen, 1838; *Tachina diluta* Meigen, 1824; *Tachina viduata* Meigen, 1824; *Oodigaster tenax* Macquart, 1854e; *Oodigaster rubriscutellatus* Macquart, 1854e; *Oodigaster pallidipalpis* Macquart, 1854e.

TYPE SPECIES: *Tachina bella* Meigen, 1824 [type fixed by ICZN Code Art. 70.3.2 in O'Hara *et al.* (2009: 118)] by original designation; as *Tachina doris* Meigen, 1824 (misidentification).

CURRENT STATUS: Junior synonym of *Sturmia* Robineau-Desvoidy, 1830 [*teste* O'Hara *et al.* (2009: 118)].

FAMILY: TACHINIDAE.

276. *Ophelia* Macquart, 1851a: 436.

CURRENT STATUS: Unjustified emendation of *Ophelia* Robineau-Desvoidy, 1830; junior synonym of *Metopia* Meigen, 1803. **New synonymy.**

FAMILY: SARCOPHAGIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “e” to “i” in the same work. *Ophelia* Robineau-Desvoidy, 1830 is currently treated as a junior synonym of *Metopia* Meigen, 1803 [*teste* Pape (1996: 97)].

[Ornithomyia] **Macquart, 1835b: 641 [1835c: 641; 1850c: 554].**

CURRENT STATUS: Incorrect subsequent spelling of *Ornithomya* Latreille, 1802 or subsequent usage of *Ornithomyia* Fischer von Waldheim, 1808.

FAMILY: HIPPOBOSCIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work, the earliest emendation (unjustified) of *Ornithomya* Latreille, 1802 that we have found in this study using the spelling ‘*Ornithomyia*’ is *Ornithomyia* Fischer von Waldheim, 1808: [59; unnumbered page], **n. syn.** [see Appendix I].

[Orthochile] **Macquart, 1828: 74(286) [1834a: 436].**

CURRENT STATUS: Incorrect subsequent spelling of *Ortochile* Latreille, 1809.

FAMILY: DOLICHOPODIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[Orthochile] **Macquart, 1850c: 493.**

CURRENT STATUS: Incorrect subsequent spelling of *Ortochile* Latreille, 1809 or subsequent usage of *Orthochile* Westwood, 1840.

FAMILY: DOLICHOPODIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “t” to “th” in the same work, the earliest emendation (unjustified) of *Ortochile* Latreille, 1809 that we have found in this study using the spelling ‘*Orthochile*’ is *Orthochile* Westwood, 1840: 135, **n. syn.** [see Appendix I].

277. *Orthonevra* Macquart, 1829: 40(188).

ORIGINALLY INCLUDED SPECIES: *Chrysogaster elegans* Meigen, 1822.

TYPE SPECIES: *Chrysogaster elegans* Meigen, 1822, by monotypy.

CURRENT STATUS: Valid genus [*teste* Peck (1988: 140)].

FAMILY: SYRPHIDAE.

EMENDATIONS: *Orthoneura* Rondani, 1856: 52 (unjustified).

278. *Orthoprosopa* Macquart, 1850b: 447 [1851c: 143].

ORIGINALLY INCLUDED SPECIES: *Orthoprosopa nigra* Macquart, 1850b.

TYPE SPECIES: *Orthoprosopa nigra* Macquart, 1850b [= *Helophilus griseus* Walker, 1835], by original designation.

CURRENT STATUS: Valid genus [*teste* Thompson & Vockeroth (1989: 457)].

FAMILY: SYRPHIDAE.

279. *Orthostylum* Macquart, 1851b: 245 [1851c: 272].

ORIGINALLY INCLUDED SPECIES: *Orthostylum rufipes* Macquart, 1851.

TYPE SPECIES: *Orthostylum rufipes* Macquart, 1851b [= *Coenosia pulla* Wiedemann, 1830], by original designation.

CURRENT STATUS: ***Nomen oblitum***; senior (but invalid) synonym of *Atherigona* Rondani, 1856 (***nomen protectum***), but here treated as a ***nomen oblitum*** through the ICZN *Code* principle of the Reversal of Precedence [*teste* this work].

FAMILY: MUSCIDAE.

REMARKS: *Orthostylum* Macquart, 1851b is currently treated in synonymy with *Atherigona* Rondani, 1856 [*teste* Pont (1986: 112)]. However, *Orthostylum* Macquart, 1851b has priority over *Atherigona* Rondani, 1856 and acceptance of this priority would cause instability of the current usage of the name *Atherigona* for this

common and economically important genus of flies. *Orthostylum* Macquart, 1851b has not been used as a valid taxon name since 1899 and *Atherigona* Rondani, 1856 has been used as a valid taxon name in at least 25 papers by 10 different authors within the last 50 years including the following: d'Almeida (1988), Carvalho *et al.* (2005), Deeming (1987, 2000), Dike (1989, 1996, 2003), Ebejer & Gatt (1999), El-Serwy (2000), Grzywacz *et al.* (2013), Grzywacz & Pape (2014), He *et al.* (2007), Oliveira *et al.* (2007), Pont (1980, 1986, 1989b, 1991), Pont & Deeming (2001), Pont & Magpayo (1995), Pont & Werner (2006), Qin (1996), Ribeiro *et al.* (2016), Sabrosky (1999), Shinonaga & Huang (2007), Shinonaga & Thinh (2004), Sileshi (1998), Srivastava (1985), Zongo *et al.* (1993). We therefore invoke Reversal of Precedence (ICZN Code Article 23.9) and treat *Orthostylum* Macquart, 1851b as a *nomen oblitum* and *Atherigona* Rondani, 1856 as a *nomen protectum*.

280. *Osmoea* Macquart, 1834b: 175(311) [1835b: 88; 1835c: 88].

CURRENT STATUS: Unjustified emendation of *Osmaea* Robineau-Desvoidy, 1830; junior synonym of *Triarthria* Stephens, 1829. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work. *Osmaea* Robineau-Desvoidy, 1830 is currently treated as a junior synonym of *Triarthria* Stephens, 1929 [*teste* Herting & Dely-Draskovits (1993: 318)].

281. *Oxycephala* Macquart, 1844: 197(354).

ORIGINALLY INCLUDED SPECIES: *Oxycephala fuscipennis* Macquart, 1844.

TYPE SPECIES: *Oxycephala fuscipennis* Macquart, 1844 [= *Pyrgota undata* Wiedemann, 1830], by monotypy.

CURRENT STATUS: Preoccupied by *Oxycephala* Guérin-Ménéville, 1838; junior synonym of *Pyrgota* Wiedemann, 1830 [*teste* Poole (1996: 219)].

FAMILY: PYRGOTIDAE.

282. *Ozodicera* Macquart, 1834a: 92.

ORIGINALLY INCLUDED SPECIES: *Ozodicera ochracea* Macquart, 1834a (with *Tipula pectinata* Wiedemann, 1828 in synonymy).

TYPE SPECIES: *Tipula pectinata* Wiedemann, 1828, by original designation.

CURRENT STATUS: Valid genus [*teste* Alexander & Alexander (1970: 17)].

FAMILY: TIPULIDAE.

REMARKS: By placing *Tipula pectinata* Wiedemann in synonymy, Macquart (1834a: 92) effectively proposed *Ozodicera ochracea* as a substitute name for this nominal species. Alexander & Alexander (1970: 17) gave the method of typification of *Ozodicera* Macquart, 1834 as by monotypy, but this is incorrect. A check of Macquart (1834a: 92) shows that he explicitly designated *Tipula pectinata* Wiedemann as the type of the genus with the statement “*La Tipula pectinata de Wiedemann est le type de ce nouveau genre*”.

EMENDATIONS: *Ozodeocera* Agassiz, 1846b: 269 (unjustified).

[*Pachirhina*] Macquart, 1850b: 317.

CURRENT STATUS: Incorrect subsequent spelling of *Pachyrhina* Macquart, 1834a.

FAMILY: TIPULIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, Macquart (1850b: 317) used the correct spelling of *Pachyrhina*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Pachirhina*’ by Macquart (1850b) as incorrect subsequent spellings of *Pachyrhina* Macquart, 1834a.

283. Pachycerina Macquart, 1835b: 511 [1835c: 511].

ORIGINALLY INCLUDED SPECIES: *Lauxania seticornis* Fallén, 1820b.

TYPE SPECIES: *Lauxania seticornis* Fallén, 1820b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Okadome (1989: 579)].

FAMILY: LAUXANIIDAE.

284. Pachymerina Macquart, 1834a: 333.

ORIGINALLY INCLUDED SPECIES: *Empis femorata* Fabricius, 1798; *Empis nitida* Meigen, 1822; *Empis tumida* Meigen, 1822; *Empis quinquevittata* Macquart, 1828.

TYPE SPECIES: *Empis femorata* Fabricius, 1798, by subsequent designation (Thon *in* Ersch & Gruber 1837: 29).

CURRENT STATUS: Junior synonym of *Pachymeria* Stephens, 1829 (currently a subgenus of *Empis* Linnaeus, 1758) [*teste* Yang *et al.* (2007: 115)].

FAMILY: EMPIDIDAE.

REMARKS: Chvála & Wagner (1989: 250) and Yang *et al.* (2007: 116) gave the typification of *Pachymerina* Macquart, 1834a as *Empis femorata* Fabricius, 1798 by original designation, but this is incorrect. A check of Macquart (1834a) shows no wording that can be construed as a type designation. The earliest subsequent type-species designation we have been able to find is of *Empis femorata* Fabricius, 1798 by Thon *in* Ersch & Gruber (1837: 29).

285. Pachymyia Macquart, 1844: 115(272).

ORIGINALLY INCLUDED SPECIES: *Stomoxys vexans* Wiedemann, 1830.

TYPE SPECIES: Hereby fixed under ICZN Code Art. 70.3.2 as *Pachymyia macquartii* Townsend, 1916a, misidentified as *Stomoxys vexans* Wiedemann, 1830 [*teste* Guimarães (1971: 37)], by **present designation**.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 37)].

FAMILY: TACHINIDAE.

286. Pachypalpus Macquart, 1834a: 144.

ORIGINALLY INCLUDED SPECIES: *Pachypalpus ater* Macquart, 1834a (with *Mycetophila anomala* Macquart, 1826 in synonymy).

TYPE SPECIES: *Pachypalpus ater* Macquart, 1834a (with *Mycetophila anomala* Macquart, 1826 in synonymy) [= *Cordyla fusca* Meigen, 1804], by monotypy.

CURRENT STATUS: Junior synonym of *Cordyla* Meigen, 1803 [*teste* Hackman *in* Hackman *et al.* (1988: 309)].

FAMILY: MYCETOPHILIDAE.

EMENDATIONS: *Pachipalpus* Rondani, 1856: 196 (unjustified).

287. Pachyrhina Macquart, 1834a: 88.

ORIGINALLY INCLUDED SPECIES: *Tipula crocata* Linnaeus, 1758; *Tipula pratensis* Linnaeus, 1758; *Tipula imperialis* Meigen, 1818; *Tipula maculosa* Meigen, 1818 (as “*Tipula maculosa* Hoff.—Meig. no. 40”); *Tipula scurra* Meigen, 1818 (as “*Tipula scurra* Hoff.—Meig. no. 41”); *Tipula histrio* Fabricius, 1794 (with *Tipula flavomaculata* De Geer, 1776 in synonymy); *Tipula cornicina* Linnaeus, 1758; *Pachyrhina fasciata* Macquart, 1834.

TYPE SPECIES: *Tipula crocata* Linnaeus, 1758, by subsequent designation (Thon *in* Ersch & Gruber 1837: 31).

CURRENT STATUS: Junior synonym of *Nephrotoma* Meigen, 1803 [*teste* Oosterbroek & Theowald (1992: 69)].

FAMILY: TIPULIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1834a): *Pachyrhina* (pages 89, 90) and *Pachyrina* (page 88). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1835c: 705, errata) acted as First Reviser and selected *Pachyrhina* as the correct original spelling. Oosterbroek & Theowald (1992: 69) gave the type designation as by subsequent designation [of *Tipula crocata*

Linnaeus, 1758] in Westwood (1840: 128). We found in this study an earlier designation of the same species by Thon in Ersch & Gruber (1837: 31).

EMENDATIONS: *Pachirhina* Rondani, 1840: 14 (unjustified); *Pachirhyna* Rondani, 1845c: 97 (unjustified); *Pachyrrhina* Osten Sacken, 1878: 39 (unjustified), **n. syn.** [see Appendix I].

[Pachyrina] **Macquart, 1834a: 88.**

CURRENT STATUS: Incorrect original spelling of *Pachyrhina* Macquart, 1834a [*teste* Macquart (1835c: 705)].

FAMILY: TIPULIDAE.

288. Pachystylum Macquart, 1848a: 132.

ORIGINALLY INCLUDED SPECIES: *Pachystylum breinii* Macquart, 1848a.

TYPE SPECIES: *Pachystylum breinii* Macquart, 1848a, by original designation.

CURRENT STATUS: Valid genus [*teste* Herting & Dely-Draskovits (1993: 255)].

FAMILY: TACHINIDAE.

REMARKS: Herting & Dely-Draskovits (1993: 255) gave the method of typification of *Pachystylum* Macquart, 1848a as by monotypy, but this is incorrect. A check of Macquart (1848a: 132) shows that there is the following statement: “*Le type a été trouvé par M. Breini, au mois de juillet sur l’Alpe...*”. This refers to the only included species, *Pachystylum breinii* Macquart, 1848a, and suffices as an original designation.

289. Palis Macquart, 1850a: 420.

CURRENT STATUS: Unjustified emendation of *Pales* Robineau-Desvoidy, 1830; junior synonym of *Pales* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “e” to “i” in the same work.

290. Palpada Macquart, 1834a: 512.

ORIGINALLY INCLUDED SPECIES: *Palpada scutellata* Macquart, 1834a.

TYPE SPECIES: *Palpada scutellata* Macquart, 1834a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Thompson & Vockeroth (1989: 451)].

FAMILY: SYRPHIDAE.

[Pangonia] **Macquart, 1834a: 191 [1838b: 93(97); 1846: 151(23); 1850c: 465; 1851c: 338].**

CURRENT STATUS: Incorrect subsequent spelling of *Pangonius* Latreille, 1802 or subsequent usage of *Pangonia* Latreille, 1809.

FAMILY: TABANIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “us” to “a” in the same work, the earliest emendation (unjustified) of *Pangonius* Latreille, 1802 we have found using the spelling ‘*Pangonia*’ is *Pangonia* Latreille, 1809: 307 [*teste* Evenhuis & Pont (2013: 75)]. Because of the equivocal nature of the name in these works, we invoke ICZN Code Article 33.5 and treat all usages of ‘*Pangonia*’ by Macquart in the above listed works as incorrect subsequent spellings of *Pangonius* Latreille, 1802.

291. Paramesia Macquart, 1835b: 656 [1835c: 656].

ORIGINALLY INCLUDED SPECIES: *Paramesia wesmaelii* Macquart, 1835b; *Paramesia robertii* Macquart, 1835b.

TYPE SPECIES: *Paramesia wesmaelii* Macquart, 1835b, by subsequent designation (Coquillett 1903: 255).

CURRENT STATUS: Preoccupied by *Paramesia* Stephens, 1829; junior synonym of *Clinocera* Meigen, 1803 [*teste* Yang *et al.* (2007: 54)].
FAMILY: EMPIDIDAE.

292. *Pegomyia* Macquart, 1835b: 350 [1835c: 350; 1850c: 536].

CURRENT STATUS: Unjustified emendation of *Pegomya* Robineau-Desvoidy, 1830; junior synonym of *Pegomya* Robineau-Desvoidy, 1830 [*teste* Griffiths (1982: 8)].

FAMILY: ANTHOMYIIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

293. *Pelecorhynchus* Macquart, 1850b: 332 [1851c: 28].

ORIGINALLY INCLUDED SPECIES: *Pelecorhynchus maculipennis* Macquart, 1850b.

TYPE SPECIES: *Pelecorhynchus maculipennis* Macquart, 1850b [= *Silvius personatus* Walker, 1848], by original designation.

CURRENT STATUS: Valid genus [*teste* Llanos *et al.* (2015: 188)].

FAMILY: PELECORHYNCHIDAE.

REMARKS: The family placement of *Pelecorhynchus* varies from Tabanidae (Ricardo 1910) to Pelecorhynchidae (Sabrosky 1999; Yeates & Wiegmann 1999; Yeates 2002; Coscarón & Papavero 2009a; Kerr 2010; Llanos *et al.* 2015; Morita *et al.* 2015) to Rhagionidae (Stuckenberg 2001; Santos 2006, 2008). Different analyses seem to proffer different placements. We follow the approach of Kerr (2010) in treating the genus within the Pelecorhynchidae, which was highly supported based on analysis of a combined dataset of morphological and molecular characters from 60 species in putative families of the Tabanomorpha.

294. *Petalophora* Macquart, 1835b: 454 [1835c: 454].

ORIGINALLY INCLUDED SPECIES: *Tephritis capitata* Wiedemann, 1824 (as “*Petalophora capitata*.—*Trypeta id.* Wied. Auss. Zweif. n°. 30”).

TYPE SPECIES: *Tephritis capitata* Wiedemann, 1824 (as “*Petalophora capitata*.—*Trypeta id.* Wied. Auss. Zweif. n°. 30”), by monotypy.

CURRENT STATUS: Junior synonym of *Ceratitis* Macleay, 1829 [*teste* Norrbom *et al.* (1999: 119)].

FAMILY: TEPHRITIDAE.

295. *Phanemia* Macquart, 1835b: 164 [1835c: 164].

CURRENT STATUS: Unjustified emendation of *Phanemya* Robineau-Desvoidy, 1830; junior synonym of *Clairvillia* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes from “y” to “i” in the same work. *Phanemya* Robineau-Desvoidy, 1830 is currently treated as a junior synonym of *Clairvillia* Robineau-Desvoidy, 1830 [*teste* Herting & Dely-Draskovits (1993: 421)].

[Phatytainia] Macquart, 1851b: plate 18.

CURRENT STATUS: Incorrect original spelling of *Platyntainia* Macquart, 1851b [*teste* this work].

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[Phillophora] **Macquart, 1838b: plate 22.**

CURRENT STATUS: Incorrect subsequent spelling of *Phyllophora* Macquart, 1835a.

FAMILY: STRATIOMYIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, Macquart (1838b: 178) used the correct spelling of *Phyllophora*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Phillophora*’ in Macquart (1838b) as incorrect subsequent spellings of *Phyllophora* Macquart, 1835a.

296. *Phoneus* Macquart, 1838c: 79 [1839c: 195].

ORIGINALLY INCLUDED SPECIES: *Phoneus servillei* Macquart, 1838c.

TYPE SPECIES: *Phoneus servillei* Macquart, 1838c, by original designation.

CURRENT STATUS: Preoccupied by *Phoneus* Kaup, 1829; senior (but invalid) synonym of *Neophoneus* Williston, 1890 [*teste* Papavero (2009b: 101)].

FAMILY: ASILIDAE.

[Phorea] **Macquart, 1835b: 352 [1835c: 352].**

CURRENT STATUS: Incorrect subsequent spelling of *Phoraea* Robineau-Desvoidy, 1830.

FAMILY: ANTHOMYIIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “e” in the same work, Macquart (1835b: 353) used the correct spelling of *Phyllophora*. Because of the equivocal nature of the name in these works, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Phorea*’ by Macquart in the above listed works as incorrect subsequent spellings of *Phoraea* Robineau-Desvoidy, 1830.

[Phrissopoda] **Macquart, 1844: 96(253).**

CURRENT STATUS: Incorrect subsequent spelling of *Phrissopodia* Macquart, 1835b.

FAMILY: SARCOPHAGIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

297. *Phrissopoda* Macquart, 1851c: 358.

CURRENT STATUS: Unjustified emendation of *Phrissopodia* Macquart, 1835b; junior synonym of *Peckia* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: SARCOPHAGIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ia” to “a” in the same work. *Phrissopodia* Macquart, 1835b is currently treated as a junior synonym of *Peckia* Robineau-Desvoidy, 1830 [*teste* Pape (1996: 277)].

298. *Phrissopodia* Macquart, 1835b: 222 [1835c: 222].

ORIGINALLY INCLUDED SPECIES: *Peckia imperialis* Robineau-Desvoidy, 1830 (with *Sarcophaga praeceps* Wiedemann, 1830 in synonymy); *Phrissopodia brullei* Macquart, 1835b.

TYPE SPECIES: *Sarcophaga praeceps* Wiedemann, 1830 [= *Peckia imperialis* Robineau-Desvoidy, 1830], by original designation.

CURRENT STATUS: Junior synonym of *Peckia* Robineau-Desvoidy, 1830 [*teste* Pape (1996: 277)].

FAMILY: SARCOPHAGIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1835b): *Phrissopodia* (pages 222, 223) and *Phryssopodia* (page 223). Acting as **First Reviser**, we select *Phrissopodia* as the correct original spelling.

EMENDATIONS: *Phrissopoda* Macquart, 1851c: 358 (unjustified), **n. syn.**

[Phryssopoda] **Macquart, 1844: 254, 457(97, 300) [1850c: 528].**

CURRENT STATUS: Incorrect subsequent spelling of *Phrissopodia* Macquart, 1835b or subsequent usage of ‘*Phryssopoda*’ of Le Guillou (1842: 315).

FAMILY: SARCOPHAGIDAE.

REMARKS: The earliest mention of *Phrissopodia* Macquart, 1835b that we have found in this study using the spelling ‘*Phryssopoda*’ is by Le Guillou (1842: 315), as an incorrect subsequent spelling. Because of the equivocal nature of the name in these works, we invoke ICZN *Code* Article 33.5 and treat all usages of ‘*Phryssopoda*’ by Macquart in the above listed works as incorrect subsequent spellings of *Phrissopodia* Macquart, 1835b.

[Phryssopodia] **Macquart, 1835b: 233 [1835c: 233].**

CURRENT STATUS: Incorrect original spelling of *Phrissopodia* Macquart, 1835b [*teste* this work].

FAMILY: SARCOPHAGIDAE.

[Phryssopora] **Macquart, 1851b: 204 [1851c: 231].**

CURRENT STATUS: Incorrect subsequent spelling of *Phrissopodia* Macquart, 1835b.

FAMILY: SARCOPHAGIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[Phumasia] **Macquart, 1835b: 249 [1835c: 249].**

CURRENT STATUS: Incorrect subsequent spelling of *Phumosia* Robineau-Desvoidy, 1830.

FAMILY: CALLIPHORIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[Phycoda] **Macquart, 1835b: 695 [1835c: 233].**

CURRENT STATUS: Incorrect subsequent spelling of *Psychoda* Latreille, 1797.

FAMILY: PSYCHODIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

299. *Phyllomyia* Macquart, 1834b: 101(237) [1835b: 166; 1835c: 166].

CURRENT STATUS: Unjustified emendation of *Phyllomya* Robineau-Desvoidy, 1830; junior synonym of *Phyllomya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

300. *Phyllophora* Macquart, 1835a: 507 [1838b: 178(182)].

ORIGINALLY INCLUDED SPECIES: *Phyllophora nigra* Macquart, 1835a.

TYPE SPECIES: *Phyllophora nigra* Macquart, 1835a, by monotypy.

CURRENT STATUS: Preoccupied by *Phyllophora* Thunberg, 1815; senior (but invalid) synonym of *Tinda* Walker, 1859 [*teste* Woodley (2001: 144)].

FAMILY: STRATIOMYIDAE.

[Phyrno] **Macquart, 1834b: 153(289).**

CURRENT STATUS: Incorrect subsequent spelling of *Phryno* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not fulfilled in this work.

301. *Physegaster* Macquart, 1847b: pl. 3, fig. 6 [1849a: 445].

ORIGINALLY INCLUDED SPECIES: *Physegaster maculatus* Macquart, 1847b.

TYPE SPECIES: *Physegaster maculatus* Macquart, 1847b, by monotypy.

CURRENT STATUS: Junior synonym of *Astomella* Latreille, 1809 [*teste* Nartshuk (1988: 188)].

FAMILY: ACROCERIDAE.

REMARKS: Nartshuk (1988: 188) gave the name as available from Macquart (1849a: 445); however, research conducted by Evenhuis (2012a) showed that the plates to that work were issued in 1847. The type fixation was by original designation by Macquart (1849a: 188), but it was by monotypy on the plate.

302. *Physegenua* Macquart, 1848b: 220(60).

ORIGINALLY INCLUDED SPECIES: *Physegenua vittata* Macquart, 1848b.

TYPE SPECIES: *Physegenua vittata* Macquart, 1848b, by original designation.

CURRENT STATUS: Valid genus [*teste* Gaimari & Silva (2010: 992)].

FAMILY: LAUXANIIDAE.

REMARKS: The Neotropical Lauxaniidae have not yet been cataloged, but are treated in the *Manual of Central American Diptera* (Gaimari & Silva 2010: 992), where *Physegenua* Macquart, 1848 is listed as a valid genus.

EMENDATIONS: *Physogenia* Loew, 1862: 9 (unjustified), **n. syn.** [see Appendix I]; *Physogenua* Giglio-Tos, 1895: 49 (unjustified), **n. syn.** [see Appendix I]; *Physogenua* Williston, 1908: 290 (unjustified).

303. *Phytomiza* Macquart, 1835c: 709.

CURRENT STATUS: Unjustified emendation of *Phytomyza* Fallén, 1810; junior synonym of *Phytomyza* Fallén, 1810.
New synonymy.

FAMILY: AGROMYZIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spelling appearing together in the same work and the changed spelling being adopted.

[*Plagiocephala*] Macquart, 1844: 370(213).

CURRENT STATUS: Incorrect subsequent spelling of *Plagiocephalus* Wiedemann, 1830.

FAMILY: ULIDIIDAE.

REMARKS: Criteria for making this name available as an emendation were not fulfilled in this work. The online database *Systema Dipteorum* (Pape & Thompson 2013) states that *Plagiocephala* of Macquart (1844) is a valid proposal of a new nominal genus since it is suffixed with “Nob.” and makes no mention of Wiedemann—but in fact Macquart does mention Wiedemann. He cites “*la seule espèce connue est le P. lobularis Wied., du Brésil*”, which is a reference to Wiedemann’s only included species from Brazil. The “Nob.” (Latin = “ours”, ≠ “new”) refers to Macquart’s new concept of the genus in the “Ortalidés” (= Ulidiidae), which differed from that of Wiedemann, who had placed it in relationship to the platystomatid, *Achias* Fabricius, 1805. Kamenewa (2004: 16) listed *Plagiocephala* “Macquart, 1844: 213” as an emendation of *Plagiocephalus*, but this is incorrect. A check of Macquart (1844) shows that criteria for making this name available as an emendation were not fulfilled in this work. Thus, ‘*Plagiocephala*’ of Macquart, 1844 is an unavailable name, **new status**.

304. *Plagiocera* Macquart, 1842c: 59(119).

ORIGINALLY INCLUDED SPECIES: *Milesia cruciger* Wiedemann, 1830 (with *Mallota milesiformis* Macquart, 1835b and *Milesia ruficrus* Wiedemann, 1830 in synonymy).

TYPE SPECIES: *Milesia cruciger* Wiedemann, 1830 [= *Milesia acuta* Fabricius, 1805], by original designation.

CURRENT STATUS: Preoccupied by *Plagiocera* Klug, 1834; senior (but invalid) synonym of *Meromacrus* Rondani, 1848 [*teste* Blatch *et al.* (2003: 14)].
FAMILY: SYRPHIDAE.

305. *Platipalpus* Macquart, 1850c: 480.

CURRENT STATUS: Unjustified emendation of *Platypalpus* Macquart, 1828; junior synonym of *Platypalpus* Macquart, 1828. **New synonymy.**

FAMILY: HYBOTIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work.

306. *Platipeza* Macquart, 1850c: 511.

CURRENT STATUS: Unjustified emendation of *Platypeza* Meigen, 1803; junior synonym of *Platypeza* Meigen, 1803. **New synonymy.**

FAMILY: PLATYPEZIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work.

[*Platistoma*] Macquart, 1850c: 542.

CURRENT STATUS: Incorrect subsequent spelling of *Platystoma* Meigen, 1803.

FAMILY: PLATYSTOMATIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, Macquart (1850c: 542) also used the correct spelling of *Platystoma*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Platistoma*’ in Macquart (1850c) as incorrect subsequent spellings of *Platystoma* Meigen, 1803.

[*Platychoeta*] Macquart, 1850c: 537.

CURRENT STATUS: Incorrect subsequent spelling of *Platystyla* Macquart, 1835b.

FAMILY: PSILIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

307. *Platynochaetus* Macquart, 1834a: 509 [1835b: 693; 1835c: 693; 1842c: 69(129)].

CURRENT STATUS: Unjustified emendation of *Platynochaetus* Wiedemann, 1830; junior synonym of *Platynochaetus* Wiedemann, 1830. **New synonymy.**

FAMILY: SYRPHIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

308. *Platypalpus* Macquart, 1828: 92.

ORIGINALLY INCLUDED SPECIES: *Platypalpus ambiguus* Macquart, 1828; *Tachydromia nigra* Meigen, 1804; *Platypalpus nitidus* Macquart, 1828; *Tachydromia minuta* Meigen, 1804; *Platypalpus oeneus* Macquart, 1828; *Platypalpus flavipalpis* Macquart, 1828; *Tachydromia annulata* Fallén, 1815; *Platypalpus bivittatus* Macquart, 1828; *Empis flavipes* Fabricius, 1794 (with *Tachydromia vulgaris* Meigen, 1804 in synonymy); *Platypalpus articulatus* Macquart, 1828; *Tachydromia bicolor* Meigen, 1804; *Tachydromia pallidiventrtris* Meigen, 1822; *Tachydromia flavicornis* Meigen, 1822; *Musca cursitans* Fabricius, 1775; *Tachydromia infuscata* Meigen,

1822; *Tachydromia calceata* Meigen, 1822; *Platypalpus cothurnatus* Macquart, 1828; *Tachydromia lutea* Meigen, 1804.

TYPE SPECIES: *Musca cursitans* Fabricius, 1775, by subsequent designation (Westwood 1840: 132).

CURRENT STATUS: Valid genus [*teste* Yang *et al.* (2007: 391)].

FAMILY: HYBOTIDAE.

EMENDATIONS: *Platipalpus* Macquart, 1850c: 480 (unjustified), **n. syn.**

309. *Platystyla* Macquart, 1835b: 374 [1835c: 374].

ORIGINALLY INCLUDED SPECIES: *Loxocera hoffmanseggii* Meigen, 1826 (with *Loxocera paradoxa* Robineau-Desvoidy, 1830 in synonymy).

TYPE SPECIES: *Loxocera hoffmanseggii* Meigen, 1826 (with *Loxocera paradoxa* Robineau-Desvoidy, 1830 in synonymy), by monotypy.

CURRENT STATUS: Junior synonym of *Loxocera* Meigen, 1803 [*teste* Buck & Marshall (2006: 199)].

FAMILY: PSILIDAE.

EMENDATIONS: *Platystila* Rondani, 1856: 122 (unjustified).

310. *Platytainia* Macquart, 1851b: 178 [1851c: 205].

ORIGINALLY INCLUDED SPECIES: *Platytainia maculata* Macquart, 1851b.

TYPE SPECIES: *Platytainia maculata* Macquart, 1851b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Barraclough (1992: 1180)].

FAMILY: TACHINIDAE.

REMARKS: There are two original spellings of this nominal genus in Macquart (1851b): *Platytainia* (page 178) and *Phatytainia* (plate 18). Acting as **First Reviser**, we select *Platytainia* as the correct original spelling.

311. *Platytropesa* Macquart, 1851b: 197 [1851c: 224].

ORIGINALLY INCLUDED SPECIES: *Platytropesa auriceps* Macquart, 1851b (as “*Platytropesa ruriceps*” on p. 197).

TYPE SPECIES: *Platytropesa auriceps* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Colless (1998: 98)].

FAMILY: CALLIPHORIDAE.

REMARKS: There are two original spellings for the nominal type species of *Platytropesa* in Macquart (1851b): *ruriceps* (page 197) and *auriceps* (page 285). Acting as First Reviser, Kurahashi (1989: 717) selected *auriceps* as the correct original spelling. The listing in Macquart (1851c: 357) of “*ruficeps*” is an incorrect subsequent spelling of *auriceps*.

[*Platytropeza*] Macquart, 1851c: 357.

CURRENT STATUS: Incorrect subsequent spelling of *Platytropesa* Macquart, 1851c.

FAMILY: CALLIPHORIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “pesa” to “peza” in the same work, Macquart (1851c) also used the correct spelling of *Platytropesa*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Platytropeza*’ in Macquart (1851c) as incorrect subsequent spellings of *Platytropesa* Macquart, 1851b.

312. *Plesia* Macquart, 1850b: 460 [1851c: 156].

ORIGINALLY INCLUDED SPECIES: *Plesia analis* Macquart, 1850b; *Plesia fasciata* Macquart, 1850b.

TYPE SPECIES: *Plesia fasciata* Macquart, 1850b, by original designation.

CURRENT STATUS: Preoccupied by *Plesia* Jurine, 1807; *Plesia* Klug, 1833; senior (but invalid) synonym of

Melanostoma Schiner, 1860 [*teste* Thompson (2008: 3)].

FAMILY: SYRPHIDAE.

313. *Plesiocera* Macquart, 1840a: 82 [1841: 360].

ORIGINALLY INCLUDED SPECIES: *Plesiocera algira* Macquart, 1840a.

TYPE SPECIES: *Plesiocera algira* Macquart, 1840a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 421)].

FAMILY: BOMBYLIIDAE.

314. *Plesiomma* Macquart, 1838c: 54 [1839c: 170].

ORIGINALLY INCLUDED SPECIES: *Plesiomma testacea* Macquart, 1838c; *Plesiomma nigra* Macquart, 1838c.

TYPE SPECIES: *Plesiomma testacea* Macquart, 1838c, by subsequent designation (Back 1909: 306).

CURRENT STATUS: Valid genus [*teste* Papavero (2009b: 125)].

FAMILY: ASILIDAE.

315. *Plesionevra* Macquart, 1855b: 180(200).

ORIGINALLY INCLUDED SPECIES: *Plesionevra incisuralis* Macquart, 1855b.

TYPE SPECIES: *Plesionevra incisuralis* Macquart, 1855b, by original designation.

CURRENT STATUS: Junior synonym of *Microsoma* Macquart, 1855b [*teste* Herting & Dely-Draskovits (1993: 397)].

FAMILY: TACHINIDAE.

REMARKS: Herting & Dely-Draskovits (1993: 397) gave the method of typification of *Plesionevra* Macquart, 1855b as by monotypy, but this is incorrect. A check of Macquart (1855b: 180) shows that there is the following statement: “*Le type a été trouvé aux environs de Mons*”. This refers to the only included species, *Plesionevra incisuralis* Macquart, 1855b, which is listed as being from “*environs de Mons*”. This suffices as an original designation.

EMENDATIONS: *Plesioneura* Schiner, 1862: 545 (unjustified), **n. syn.** [see Appendix I].

316. *Pleurocerina* Macquart, 1851b: 137 [1851c: 164].

ORIGINALLY INCLUDED SPECIES: *Pleurocerina fasciata* Macquart, 1851b.

TYPE SPECIES: *Pleurocerina fasciata* Macquart, 1851b, by original designation.

CURRENT STATUS: Junior synonym of *Conops* Linnaeus, 1758 [*teste* Kröber (1919: 57)].

FAMILY: CONOPIDAE.

REMARKS: *Pleurocerina* has not been listed in any regional catalog. We follow Kröber's (1919: 57) world catalog of Conopidae where it is treated as a junior synonym of *Conops* Linnaeus, 1758.

[*Plutypygus*] Macquart, 1856: 149.

CURRENT STATUS: Incorrect subsequent spelling of *Platypygus* Loew, 1844.

FAMILY: MYTHICOMYIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Polichoeta*] Macquart, 1851b: 283 [1851c: 310].

CURRENT STATUS: Incorrect original spelling of *Polychoeta* Macquart, 1851b [*teste* this work].

FAMILY: TACHINIDAE.

317. *Polidea* Macquart, 1848a: 92.

TYPE SPECIES: *Tachina aenea* Meigen, 1824, automatic [by designation of the same species (by subsequent designation by Coquillett 1910: 549) for *Harrisia* Meigen, 1838].

CURRENT STATUS: New replacement name for *Harrisia* Meigen, 1838; junior synonym of *Lydina* Robineau-Desvoidy, 1830 [*teste* Herting & Dely-Draskovits (1993: 291)].
FAMILY: TACHINIDAE.

318. Polychaeta Macquart, 1851b: 154 [1851c: 181].

ORIGINALLY INCLUDED SPECIES: *Polychaeta nigra* Macquart, 1851b.

TYPE SPECIES: *Polychaeta nigra* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Cantrell & Crosskey (1989: 779)].

FAMILY: TACHINIDAE.

REMARKS: There are three original spellings for this genus in Macquart (1851b): *Polychaeta* (page 154), *Polichoeta* (page 283), and *Polychoeta* (pp. 293, plate 16). Acting as **First Reviser**, we select *Polychaeta* as the correct original spelling.

[Polychoeta] Macquart, 1851b: 293, plate 16 [1851c: 320].

CURRENT STATUS: Incorrect original spelling of *Polychoeta* Macquart, 1851b [*teste* this work].

FAMILY: TACHINIDAE.

319. Polydonta Macquart, 1850b: 448 [1851c: 144].

ORIGINALLY INCLUDED SPECIES: *Polydonta bicolor* Macquart, 1850b.

TYPE SPECIES: *Polydonta bicolor* Macquart, 1850b, by original designation.

CURRENT STATUS: Preoccupied by *Polydonta* Schumacher, 1817; senior (but invalid) synonym of *Polydontomyia* Williston, 1896 (currently a subgenus of *Lejops* Rondani, 1857) [*teste* Thompson *et al.* (1976: 96)].

FAMILY: SYRPHIDAE.

320. Pomacera Macquart, 1847a: 47(63).

ORIGINALLY INCLUDED SPECIES: *Pomacera bigotii* Macquart, 1847a.

TYPE SPECIES: *Pomacera bigotii* Macquart, 1847a, by original designation.

CURRENT STATUS: Junior synonym of *Apiocera* Westwood, 1835 [*teste* Yeates (1994: 124)].

FAMILY: APIOCERIDAE.

[Porphirops] Macquart, 1834a: “*explication des planches*”, page 7.

CURRENT STATUS: Incorrect subsequent spelling of *Porphyrops* Meigen, 1824.

FAMILY: DOLICHOPODIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, Macquart (1834a: 434) also used the correct spelling of *Porphyrops*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Article 33.5 in treating all usages of ‘*Porphirops*’ in Macquart (1834a) as incorrect subsequent spellings of *Porphyrops* Meigen, 1824.

321. Porphirops Macquart, 1838b: 15(19).

CURRENT STATUS: Unjustified emendation of *Porphyrops* Meigen, 1824; junior synonym of *Argyra* Macquart, 1834. **New synonymy.**

FAMILY: DOLICHOPODIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work. *Porphyrops* Meigen, 1824 and *Argyra* Macquart, 1834a are currently treated in synonymy [*teste* Yang *et al.* (2007: 32)]. See REMARKS under *Argyra* Macquart for further details on the

problem of priority between *Argyra* and *Porphyrops*, which has been resolved by action of Opinion 2348 (I.C.Z.N. 2014b: 267) conserving *Argyra* Macquart, 1834a.

322. *Priomerus* Macquart, 1834a: 511.

ORIGINALLY INCLUDED SPECIES: *Priomerus fasciatus* Macquart, 1834a.

TYPE SPECIES: *Priomerus fasciatus* Macquart, 1834a, by monotypy.

CURRENT STATUS: Preoccupied by *Priomerus* Walker, 1833; senior (but invalid) synonym of *Merodonoides* Curran, 1931 (currently a subgenus of *Eristalinus* Rondani, 1845a) [*teste* Thompson (2015: 168)].

FAMILY: SYRPHIDAE.

323. *Proctacanthus* Macquart, 1838c: 120 [1839c: 236].

ORIGINALLY INCLUDED SPECIES: *Proctacanthus niveus* Macquart, 1838c; *Proctacanthus durvillei* Macquart, 1838c; *Proctacanthus rubricornis* Macquart, 1838c; *Asilus barbatus* Fabricius, 1787; *Proctacanthus rufiventris* Macquart, 1838c; *Asilus longus* Wiedemann, 1821b; *Proctacanthus philadelphicus* Macquart, 1838c; *Proctacanthus milbertii* Macquart, 1838c; *Proctacanthus nigriventris* Macquart, 1838c.

TYPE SPECIES: *Proctacanthus philadelphicus* Macquart, 1838c, by subsequent designation (Coquillett 1910: 595).

CURRENT STATUS: Valid genus [*teste* Papavero (2009b: 54)].

FAMILY: ASILIDAE.

324. *Prosopochoeta* Macquart, 1851b: 183 [1851c: 209].

ORIGINALLY INCLUDED SPECIES: *Prosopochoeta nitidiventris* Macquart, 1851b.

TYPE SPECIES: *Prosopochoeta nitidiventris* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 99)].

FAMILY: TACHINIDAE.

[*Pterodontia*] Macquart, 1835b: 514 [1835c: 514].

CURRENT STATUS: Incorrect subsequent spelling of *Pterodontia* Gray, 1832.

FAMILY: ACROCERIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

325. *Pteropexus* Macquart, 1846: 225(97).

ORIGINALLY INCLUDED SPECIES: *Pteropexus bicolor* Macquart, 1846.

TYPE SPECIES: *Pteropexus bicolor* Macquart, 1846, by original designation.

CURRENT STATUS: Valid genus [*teste* Schlinger *et al.* (2013: 63)].

FAMILY: ACROCERIDAE.

REMARKS: This genus has not been treated in any catalog since Hunter (1900: 151); however, it is keyed and treated as a valid genus in Schlinger *et al.* (2013), which we follow here.

326. *Ptilocerina* Macquart, 1835b: 664 [1835c: 664].

TYPE SPECIES: *Ptilocera palpalis* Robineau-Desvoidy, 1830, automatic [by designation of the same species (by subsequent designation by Townsend 1916a: 8) for *Ptilocera* Robineau-Desvoidy, 1830].

CURRENT STATUS: New replacement name for *Ptilocera* Robineau-Desvoidy, 1830; junior synonym of *Zeuxia* Meigen, 1826 [*teste* Herting & Dely-Draskovits (1993: 368)].

FAMILY: TACHINIDAE.

[*Ptylostylum*] Macquart, 1850c: 526.

CURRENT STATUS: Unavailable name; genus-group name proposed without description or indication or included species.

FAMILY: CALLIPHORIDAE.

REMARKS: The genus-group name and species-group name appeared only in a list of species in the Lille museum and both are *nomina nuda*. The genus- and species-group names were made available in Macquart (1851b).

327. *Ptylostylum* Macquart, 1851b: 195 [1851c: 222].

ORIGINALLY INCLUDED SPECIES: *Ptylostylum albomaculatum* Macquart, 1851b (as “*Ptylostylum albo-maculatum*”).

TYPE SPECIES: *Ptylostylum albomaculatum* Macquart, 1851b (as “*Ptylostylum albo-maculatum*”) [= *Musca leonina* Fabricius, 1775], by original designation.

CURRENT STATUS: Junior synonym of *Amenia* Robineau-Desvoidy, 1830 [*teste* Kurahashi (1989: 716)].

FAMILY: CALLIPHORIDAE.

[*Rachina*] Macquart, 1850c: 516, 530.

CURRENT STATUS: Incorrect subsequent spelling of *Tachina* Meigen, 1803.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Rachydromia*] Macquart, 1850c: 479.

CURRENT STATUS: Incorrect subsequent spelling of *Tachydromia* Meigen, 1803.

FAMILY: HYBOTIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Ramphomyia*] Macquart, 1851c: 347.

CURRENT STATUS: Incorrect subsequent spelling of *Rhamphomyia* Meigen, 1822.

FAMILY: EMPIDIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

328. *Raphiocera* Macquart, 1834a: 253.

ORIGINALLY INCLUDED SPECIES: *Sargus armatus* Wiedemann, 1828.

TYPE SPECIES: *Sargus armatus* Wiedemann, 1828 (as “*Sargus armata*, Wied.”), by original designation.

CURRENT STATUS: Valid genus [*teste* Woodley (2011a: 407)].

FAMILY: STRATIOMYIDAE.

EMENDATIONS: *Rhaphiocera* Agassiz, 1846b: 321 (unjustified); *Rhaphiocera* Kertész, 1908: 91 (unjustified).

[*Raphiorhynchus*] Macquart, 1834a: 216, 217.

CURRENT STATUS: Incorrect subsequent spelling of *Rhaphiorhynchus* Wiedemann, 1821a.

FAMILY: PANTOPHTHALMIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

329. *Raphiorhyncus* Macquart, 1835b: 695 [1835c: 695].

CURRENT STATUS: Unjustified emendation of *Rhaphiorhynchus* Wiedemann, 1821a; junior synonym of *Pantophtthalmus* Thunberg, 1819. **New synonymy.**

FAMILY: PANTOPHTHALMIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ch” to “c” in the same work. *Rhaphiorhynchus* Wiedemann, 1821a is currently treated as a junior synonym of *Pantophtthalmus* Thunberg, 1819 [*teste* Papavero (2009c: 2)].

[Reaumura] **Macquart, 1835b: 86 [1835c: 86].**

CURRENT STATUS: Incorrect subsequent spelling of *Reaumuria* Robineau-Desvoidy, 1830.

FAMILY: TACHINIDAE.

REMARKS: The errata in Macquart (1835c: 707) indicates this is a lapsus and not an emendation.

330. Rhamphina Macquart, 1835b: 94 [1835c: 94].

ORIGINALLY INCLUDED SPECIES: *Stomoxys pedemontana* Meigen, 1824; *Tachina longirostris* Meigen, 1824.

TYPE SPECIES: *Stomoxys pedemontana* Meigen, 1824, by original designation.

CURRENT STATUS: Valid genus [*teste* Herting & Dely-Draskovits (1993: 392)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Ramphina* Rondani, 1856: 77 (unjustified).

[Rhamphomia] **Macquart, 1823: 165.**

CURRENT STATUS: Incorrect subsequent spelling of *Rhamphomyia* Meigen, 1822.

FAMILY: EMPIDIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[Raphiocera] **Macquart, 1846: 182(54).**

CURRENT STATUS: Incorrect subsequent spelling of *Raphiocera* Macquart, 1834a.

FAMILY: STRATIOMYIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[Raphiorhincus] **Macquart, 1838a: plate 20.**

CURRENT STATUS: Incorrect subsequent spelling of *Raphiorhynchus* Wiedemann, 1821a.

FAMILY: PANTOPHTHALMIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, Macquart (1838a: 174) also used the correct spelling of *Raphiorhynchus*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Raphiorhincus*’ in Macquart (1838a) as incorrect subsequent spellings of *Raphiorhynchus* Wiedemann, 1821a.

[Raphiorynchus] **Macquart, 1834a: 217.**

CURRENT STATUS: Incorrect subsequent spelling of *Raphiorhynchus* Wiedemann, 1821a.

FAMILY: PANTOPHTHALMIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

331. Rhinomyia Macquart, 1835b: 131 [1835c: 131].

CURRENT STATUS: Unjustified emendation of *Rhinomya* Robineau-Desvoidy, 1830; junior synonym of *Rhinomya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

332. *Rhopalia* Macquart, 1838c: 12 [1839c: 128].

ORIGINALLY INCLUDED SPECIES: *Rhopalia olivieri* Macquart, 1838c.

TYPE SPECIES: *Rhopalia olivieri* Macquart, 1838c, by monotypy.

CURRENT STATUS: Valid genus [*teste* Richter & Zaitzev (1988: 184)].

FAMILY: MYDIDAE.

REMARKS: Richter & Zaitzev (1988: 184) gave the method of typification of *Rhopalia* Macquart, 1838c as by original designation, but this is incorrect. A check of Macquart (1838c) shows that there is no wording that can be construed as an original designation, so the type species is by monotypy.

333. *Rhopalogaster* Macquart, 1834a: 279.

ORIGINALLY INCLUDED SPECIES: *Laphria longicornis* Wiedemann, 1828.

TYPE SPECIES: *Laphria longicornis* Wiedemann, 1828, by monotypy.

CURRENT STATUS: Valid genus [*teste* Papavero (2009b: 100)].

FAMILY: ASILIDAE.

334. *Rhynchomyia* Macquart, 1835b: 247 [1835c: 247; 1844: 125(282); 1846: 320(194); 1850c: 530; 1851c: 359].

CURRENT STATUS: Unjustified emendation of *Rhyncomya* Robineau-Desvoidy, 1830; junior synonym of *Rhyncomya* Robineau-Desvoidy, 1830 [*teste* O'Hara *et al.* (2011: 159)].

FAMILY: RHINIIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes of two or more names from “mya” to “myia” in the same work.

335. *Rhynchusia* Macquart, 1848a: 87.

TYPE SPECIES: *Tachina longirostris* Meigen, 1824, automatic [by designation of the same species (by monotypy) for *Olivieria* Meigen, 1838].

CURRENT STATUS: New replacement name for *Olivieria* Meigen, 1838; junior synonym of *Aphria* Robineau-Desvoidy, 1830 [*teste* O'Hara *et al.* (2009: 152)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Rhyncosia* Rondani, 1861: 57 (unjustified).

336. *Rhynomyia* Macquart, 1834b: 144(280).

CURRENT STATUS: Unjustified emendation of *Rhinomya* Robineau-Desvoidy, 1830; junior synonym of *Rhinomya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes for two or more names from “mya” to “myia” in the same work.

[*Ruppellia*] Macquart, 1840a: 27 [1841: 295].

CURRENT STATUS: Incorrect subsequent spelling of *Rueppellia* Wiedemann, 1830 or subsequent usage of ‘*Ruppellia*’ of Wiedemann (1830).

FAMILY: THEREVIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work. There are two original spellings of this nominal genus in Wiedemann (1830): *Ruppellia* and *Rueppellia*. Acting as First Reviser, Bezzi (1903: 213) selected *Rueppellia* as the correct original spelling [*teste* Evenhuis & Pont (2013: 86)].

[Sapromiza] **Macquart, 1851b: 247 [1851c: 274].**

CURRENT STATUS: Incorrect subsequent spelling of *Sapromyza* Fallén, 1810.

FAMILY: LAUXANIIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, there are three alternate spellings for *Sapromyza* by Macquart in these works. Because of the equivocal nature of the name in these works, we invoke ICZN *Code* Art. 33.5 and treat all usages of ‘*Sapromiza*’ by Macquart in the above listed works as incorrect subsequent spellings of *Sapromyza* Fallén, 1810.

[Sapromysa] **Macquart, 1851b: 249 [1851c: 276].**

CURRENT STATUS: Incorrect subsequent spelling of *Sapromyza* Fallén, 1810.

FAMILY: LAUXANIIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “myza” to “mysa” in the same work, there are three alternate spellings for *Sapromyza* by Macquart in these works. Because of the equivocal nature of the name in these works, we invoke ICZN *Code* Art. 33.5 and treat all usages of ‘*Sapromysa*’ by Macquart in the above listed works as incorrect subsequent spellings of *Sapromyza* Fallén, 1810.

[Sapromyya] **Macquart, 1851b: 294 [1851c: 321].**

CURRENT STATUS: Incorrect subsequent spelling of *Sapromyza* Fallén, 1810.

FAMILY: LAUXANIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[Scathopse] **Macquart, 1826a: 68(12) [1834a: 181; 1850c: 465].**

CURRENT STATUS: Incorrect subsequent spelling of *Scatopse* Geoffroy, 1762 or subsequent usage of ‘*Scathopse*’ of Latreille (1802: 427).

FAMILY: SCATOPSIDAE.

REMARKS: The earliest mention of *Scatopse* Geoffroy, 1762 we have found using the spelling ‘*Scathopse*’ is by Latreille (1802: 427), as an incorrect subsequent spelling. Research conducted in this study found that *Scathopse* was made available as an unjustified emendation by Guérin-Méneville (1839: [unnumbered page of errata]) and is a junior synonym of *Scatopse* Geoffroy, 1762, **n. syn.** [see Appendix I]. Because of the equivocal nature of the name in these works, we invoke ICZN *Code* Article 33.5 and treat all usages of ‘*Scathopse*’ by Macquart in the above listed works as incorrect subsequent spellings of *Scatopse* Geoffroy, 1762.

[*Scatophaga*] **Macquart, 1835b: 312, 696 [1835c: 312, 696; 1850c: 538, 541; 1851c: 361].**

CURRENT STATUS: Incorrect subsequent spelling of *Scathophaga* Meigen, 1803 or subsequent usage of *Scatophaga* Wiedemann, 1828.

FAMILY: SCATHOPHAGIDAE.

REMARKS: The earliest emendation (unjustified) of *Scathophaga* Meigen, 1803 we have found using the spelling ‘*Scatophaga*’ is *Scatophaga* Wiedemann, 1828: x, 604 [*teste* Evenhuis & Pont (2013: 37)]. Because of the equivocal nature of the name in these works, we invoke ICZN *Code* Article 33.5 and treat all usages of ‘*Scatophaga*’ by Macquart in the above listed works as incorrect subsequent spellings of *Scathophaga* Meigen, 1803.

[Sciomyza] **Macquart, 1850c: 541.**

CURRENT STATUS: Incorrect subsequent spelling of *Sciomyza* Fallén, 1820d.

FAMILY: SCIOMYZIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[Scoeua] **Macquart, 1829: 10(158) [1834a: 550].**

CURRENT STATUS: Incorrect subsequent spelling of *Scaeva* Fabricius, 1805.

FAMILY: SYRPHIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work, Macquart (1829: 63; 1834a: 546) also uses the correct spelling of *Scaeva*. Because of the equivocal nature of the name in these works, we invoke ICZN *Code* Art. 33.5 and treat all usages of ‘Scoeua’ by Macquart in the above listed works as incorrect subsequent spellings of *Scaeva* Fabricius, 1805.

[Scoeua] **Macquart, 1850c: 503, 505.**

CURRENT STATUS: Incorrect subsequent spelling of *Scaeva* Fabricius, 1805 or subsequent usage of ‘Scoeua’ of Macquart (1829).

FAMILY: SYRPHIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work, the earliest mention of *Scaeva* Fabricius, 1805 we have found using the spelling ‘Scoeua’ is by Macquart (1829: 10; 1834a: 550) as an incorrect subsequent spelling. Because of the equivocal nature of the name in this work, we invoke ICZN *Code* Art. 33.5 and treat all usages of ‘Scoeua’ by Macquart (1850c) as incorrect subsequent spellings of *Scaeva* Fabricius, 1805.

337. Scotimyza Macquart, 1835b: 540 [1835c: 540].

ORIGINALLY INCLUDED SPECIES: *Scotimyza fuscipennis* Macquart, 1835b.

TYPE SPECIES: *Scotimyza fuscipennis* Macquart, 1835b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Bisby *et al.* (2009); in Ephydriidae].

FAMILY: ?SCIOMYZIDAE.

REMARKS: This genus has not appeared in any recent catalog and its family placement has changed over the years and remains tentative because the type species apparently has not been revised since its original description. Macquart (1835b) originally treated it as in Piophilidae. McAlpine (1977: 665) listed characters that excluded it from Piophilidae as well as Ephydriidae and tentatively placed it in Sciomyzidae, which is the placement we follow here.

EMENDATIONS: *Scotomyza* Agassiz, 1846b: 336 (unjustified).

338. Scotiptera Macquart, 1835b: 215 [1835c: 215].

ORIGINALLY INCLUDED SPECIES: *Sophia pellucida* Robineau-Desvoidy, 1830; *Sophia punctata* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Sophia punctata* Robineau-Desvoidy, 1830 [= *Musca venatoria* Fabricius, 1805], by subsequent designation (Stephens in Richardson 1838: 412).

CURRENT STATUS: Valid genus [*teste* Barraclough (1992: 1146)].

FAMILY: TACHINIDAE.

REMARKS: Guimarães (1971: 34) gave the typification of *Scotiptera* Macquart, 1835b as *Dexia melaleuca* Wiedemann, 1830 by subsequent designation by Macquart (1844: 83). *Dexia melaleuca* Wiedemann was not one of the originally included species, but by placing *Sophia punctata* Robineau-Desvoidy, 1830 in synonymy with it, the designation was validly proposed. However, an earlier type-species designation by Stephens in Richardson (1838) of *Sophia punctata* Robineau-Desvoidy, 1830 was found by Evenhuis (2010), and it does not change the current generic concept.

EMENDATIONS: *Scotoptera* Agassiz, 1846b: 336 (unjustified).

339. *Selasoma* Macquart, 1838c: 187 [1839c: 303].

ORIGINALLY INCLUDED SPECIES: *Tabanus tibialis* Fabricius, 1805.

TYPE SPECIES: *Tabanus tibialis* Fabricius, 1805, by original designation.

CURRENT STATUS: Valid genus [*teste* Coscarón & Papavero (2009b: 104)].

FAMILY: TABANIDAE.

EMENDATIONS: *Selaosoma* Agassiz, 1846b: 338 (unjustified).

340. *Semiomyia* Macquart, 1848a: 103.

ORIGINALLY INCLUDED SPECIES: *Trixa imhoffii* Macquart, 1848a (with “*Semiomyia Imhoffii*, Bremsi” in synonymy); *Semiomyia inanis* Macquart, 1848a; *Trixa amsteinii* Macquart, 1848a (with “*Semiomyia Amsteinii*, Bremsi” in synonymy).

TYPE SPECIES: *Trixa imhoffii* Macquart, 1848a [= *Musca conspersa* Harris, 1776], by **present designation**.

CURRENT STATUS: Junior synonym of *Trixa* Meigen, 1824 [*teste* O’Hara *et al.* (2011: 163)].

FAMILY: TACHINIDAE.

REMARKS: *Semiomyia* was originally proposed in synonymy with *Trixa* Meigen, 1824. Three species were placed in combination with *Semiomyia* Macquart, 1848a, two of which were placed in synonymy under their respective species in *Trixa*. O’Hara *et al.* (2011: 163) treated *Semiomyia* Macquart, 1848a as unavailable because it was not made available by usage as a valid taxon before 1961, but this is incorrect. *Semiomyia* was made available by subsequent usage as a valid taxon in Townsend (1931: 385; 1936: 271, 273). *Semiomyia* Macquart, 1848 is not treated in any of the recent regional Diptera catalogs but was treated by Coquillett (1910: 605; as “*Semiomyia* Bremsi”) as a junior synonym of *Trixa* Meigen, 1824, which was followed most recently by O’Hara *et al.* (2011: 162). No type designation had been given for *Semiomyia* prior to this work. We here fix *Trixa imhoffii* Macquart, 1848a as the type species of *Semiomyia* Macquart, 1848a, by **present designation**. *Semiomyia* Macquart, 1848a is currently treated as a synonym of *Trixa* Meigen, 1824 [*teste* O’Hara *et al.* (2011: 163)].

341. *Senaspis* Macquart, 1850b: 437 [1851c: 133].

ORIGINALLY INCLUDED SPECIES: *Senaspis flaviceps* Macquart, 1850b.

TYPE SPECIES: *Senaspis flaviceps* Macquart, 1850b, by original designation.

CURRENT STATUS: Valid genus [*teste* Smith & Vockeroth (1980: 505)].

FAMILY: SYRPHIDAE.

EMENDATIONS: *Stenaspis* Kertész, 1910: 207 (unjustified).

[*Senetainia*] Macquart, 1846: 295(167).

CURRENT STATUS: Incorrect original spelling of *Senotainia* Macquart, 1846 [*teste* Macquart (1851c: 356)].

FAMILY: SARCOPHAGIDAE.

342. *Senobasis* Macquart, 1838c: 52 [1839c: 168].

ORIGINALLY INCLUDED SPECIES: *Senobasis analis* Macquart, 1838c; *Senobasis fenestrata* Macquart, 1838.

TYPE SPECIES: *Senobasis analis* Macquart, 1838c, by subsequent designation (Bromley 1934: 332).

CURRENT STATUS: Valid genus [*teste* Papavero (2009b: 78)].

FAMILY: ASILIDAE.

EMENDATIONS: *Stenobasis* Agassiz, 1846b: 338 (unjustified); *Stenobasis* Kertész, 1909a: 123 (unjustified).

343. *Senogaster* Macquart, 1834a: 519.

ORIGINALLY INCLUDED SPECIES: *Senogaster coerulescens* Macquart, 1834a.

TYPE SPECIES: *Senogaster coerulescens* Macquart, 1834a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Thompson *et al.* (1976: 119)].

FAMILY: SYRPHIDAE.

EMENDATIONS: *Stenogaster* Agassiz, 1846b: 338 (unjustified); *Stenogaster* Kertész, 1910: 312 (unjustified).

344. *Senometopia* Macquart, 1834b: 160(296) [1835b: 104; 1835c: 194].

ORIGINALLY INCLUDED SPECIES: *Sturmia atropivora* Robineau-Desvoidy, 1830; *Sturmia floricola* Robineau-Desvoidy, 1830; *Sturmia concolor* Robineau-Desvoidy, 1830; *Tachina mitis* Robineau-Desvoidy, 1830; *Tachina variegata* Meigen, 1824; *Tachina meditata* Meigen, 1824; *Tachina angustipennis* Meigen, 1824; *Carcelia lepida* Robineau-Desvoidy, 1830; *Carcelia bombylans* Robineau-Desvoidy, 1830; *Carcelia puparum* Robineau-Desvoidy, 1830; *Carcelia macrocera* Robineau-Desvoidy, 1830; *Carcelia distincta* Robineau-Desvoidy, 1830; *Carcelia nigripes* Robineau-Desvoidy, 1830; *Carcelia amoena* Robineau-Desvoidy, 1830; *Carcelia aurifrons* Robineau-Desvoidy, 1830; *Tachina alacris* Meigen, 1824; *Smidtia myoidea* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Carcelia aurifrons* Robineau-Desvoidy, 1830, by subsequent designation (Townsend 1916a: 8) [I.C.Z.N. 2012: 242 [Opinion 2307]].

CURRENT STATUS: Valid genus [*teste* O'Hara & Cerretti (2016: 101)].

FAMILY: TACHINIDAE.

REMARKS: An earlier designation of *Sturmia atropivora* Robineau-Desvoidy, 1830 by Stephens *in* Richardson (1838: 478) was found by Evenhuis (2010) and the same type species designated by Desmarest *in* d'Orbigny (1848: 552) was found by Evenhuis & Thompson (1990: 237). However, if accepted, either designation would cause instability of nomenclature and taxonomy of *Senometopia* by placing it as a senior synonym of *Zygobothria* Mik, 1891. *Eocarcelia* Townsend, 1919 would then be the next available name to use for the species currently placed in the genus *Senometopia*. An application to the ICZN Commission to suppress designations prior to Townsend (1916a) was submitted by O'Hara & Evenhuis (2011) and subsequently voted in favor of [I.C.Z.N. 2012: 242 (Opinion 2307)].

EMENDATIONS: *Senometopia* Agassiz, 1846b: 338 (unjustified).

345. *Senoprosopis* Macquart, 1838c: 130 [1839c: 246].

ORIGINALLY INCLUDED SPECIES: *Senoprosopis diardii* Macquart, 1838c.

TYPE SPECIES: *Senoprosopis diardii* Macquart, 1838c, by monotypy.

CURRENT STATUS: Valid genus [*teste* Geller-Grimm (2004: 484)].

FAMILY: ASILIDAE.

EMENDATIONS: *Senoprosopis* Agassiz, 1846b: 338 (unjustified); *Senoprosopis* Kertész, 1909a: 284 (unjustified).

346. *Stenopterina* Macquart, 1835b: 453 [1835c: 453].

ORIGINALLY INCLUDED SPECIES: *Dacus brevipes* Fabricius, 1805.

TYPE SPECIES: *Dacus brevipes* Fabricius, 1805, by monotypy.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 280)].

FAMILY: PLATYSTOMATIDAE.

EMENDATIONS: *Stenopterina* Agassiz, 1846b: 338 (unjustified); *Stenopterina* Loew, 1873: 25 (unjustified); *Stenopterina* Osten Sacken, 1881: 465 (unjustified).

347. *Senostoma* Macquart, 1847a: 80(96).

ORIGINALLY INCLUDED SPECIES: *Senostoma variegata* Macquart, 1847a.

TYPE SPECIES: *Senostoma variegata* Macquart, 1847a, by original designation.

CURRENT STATUS: Valid genus [*teste* Barraclough (1992: 1309)].

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 740) and Barraclough (1992: 1309) gave the method of typification of

Senostoma Macquart, 1847a as by monotypy, but this is incorrect. A check of Macquart (1847a) shows that there is the following statement: “*Le type est de la Tasmanie*”. This refers to the only included species, *Senostoma variegata* Macquart, 1847a, which is listed as being from “*Tasmanie*”. This suffices as an original designation.

EMENDATIONS: *Stenostoma* Mik, 1890: 155 (unjustified), **n. syn.** [see Appendix I].

[*Senotaina*] **Macquart, 1846: 364(236).**

CURRENT STATUS: Incorrect original spelling of *Senotainia* Macquart, 1846 [*teste* Macquart (1851c: 356)].

FAMILY: SARCOPHAGIDAE.

348. *Senotainia* Macquart, 1846: 295(167).

ORIGINALLY INCLUDED SPECIES: *Senotainia rubriventris* Macquart, 1846.

TYPE SPECIES: *Senotainia rubriventris* Macquart, 1846, by original designation.

CURRENT STATUS: Valid genus [*teste* Pape (1996: 133)].

FAMILY: SARCOPHAGIDAE.

REMARKS: There are three original spellings for this genus in Macquart (1846): *Senotainia* (page 295), *Senetainia* (page 295), and *Senotaina* (page 364). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1851c: 356) acted as First Reviser and selected *Senotainia* as the correct original spelling. Lopes (1969: 4) and Pape (1996: 134) selected the same spelling, but these were later. *Senotainia* Macquart, 1846 is treated here as a ***nomen protectum***. See under *Megoera* Macquart, 1846, above, for details on the status and synonymy of the two names.

EMENDATIONS: *Stenotaenia* Bezzi, 1906: 53 (unjustified).

349. *Senoxericera* Macquart, 1850b: 375 [1851c: 71].

ORIGINALLY INCLUDED SPECIES: *Senoxericera albibarbis* Macquart, 1850b.

TYPE SPECIES: *Senoxericera albibarbis* Macquart, 1850b, by monotypy.

CURRENT STATUS: Junior synonym of *Laxenecera* Macquart, 1838c [*teste* Geller-Grimm (2004: 493)].

FAMILY: ASILIDAE.

EMENDATIONS: *Stenoxericera* Kertész, 1909a: 208 (unjustified).

350. *Sericocera* Macquart, 1834b: 100(236).

ORIGINALLY INCLUDED SPECIES: *Musca volvulus* Fabricius, 1794 (with “*Musca cylindrica*, Fall.” in synonymy); *Phorophylla palpata* Robineau-Desvoidy, 1830; *Musca leucozona* Panzer, 1804 (with *Musca* “*nigrina*, Fall.” and “*Thelaira abdominalis*, Rob.D.” in synonymy); *Thelaira bifasciata* Robineau-Desvoidy, 1830; *Musca lateralis* Fabricius, 1775 (as “*Ocyptera* lat. Fab. S.A. N.º 8”; with *Ocyptera* “*tachinaria*, Fall.” in synonymy); *Dexia compressa* Meigen, 1826 (with “*Ocyptera rufa*, Fab.” and *Musca* “*lateralis*, Panz.” in synonymy).

TYPE SPECIES: *Musca volvulus* Fabricius, 1794, by subsequent designation (Townsend 1916a: 9).

CURRENT STATUS: Junior synonym of *Phyllomya* Robineau-Desvoidy, 1830 [*teste* Herting & Dely-Draskovits (1993: 387; as “*Phyllomyia*”)].

FAMILY: TACHINIDAE.

351. *Sericosoma* Macquart, 1850b: 419 [1851c: 115].

ORIGINALLY INCLUDED SPECIES: *Sericosoma fascifrons* Macquart, 1850b.

TYPE SPECIES: *Sericosoma fascifrons* Macquart, 1850, by original designation.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 244)].

FAMILY: BOMBYLIIDAE.

[*Sibystroma*] **Macquart, 1838a: plate 11, figure 4.**

CURRENT STATUS: Incorrect subsequent spelling of *Sybistroma* Meigen, 1824.

FAMILY: SIMULIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

352. *Silba* Macquart, 1851b: 277 [1851c: 304].

ORIGINALLY INCLUDED SPECIES: *Silba virescens* Macquart, 1851b.

TYPE SPECIES: *Silba virescens* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Pitkin (1989a: 477)].

FAMILY: LONCHAEIDAE.

353. *Silbomyia* Macquart, 1844: 117(274)

ORIGINALLY INCLUDED SPECIES: *Musca micans* Fabricius, 1805; *Musca fuscipennis* Fabricius, 1805.

TYPE SPECIES: *Musca fuscipennis* Fabricius, 1805, by subsequent designation (Townsend 1916a: 9).

CURRENT STATUS: Valid genus [*teste* Kurahashi (1989: 717)].

FAMILY: CALLIPHORIDAE.

REMARKS: Kurahashi (1989: 717) listed the type species for *Silbomyia* Macquart, 1844 as *Musca fuscipennis* Fabricius, 1805, by subsequent designation by Engel (1925a: 348); however, an earlier type-species designation of the same type species was made by Townsend (1916a: 9).

EMENDATIONS: *Stilbomyia* Agassiz, 1846b: 353 (unjustified).

354. *Siphonella* Macquart, 1835b: 584 [1835c: 584].

ORIGINALLY INCLUDED SPECIES: *Madiza oscinina* Fallén, 1820c (with *Chlorops nitida* Meigen, 1830 in synonymy); *Siphonella ruficornis* Macquart, 1835b; *Siphonella aenea* Macquart, 1835b; *Siphonella ruficeps* Macquart, 1835b.

TYPE SPECIES: *Madiza oscinina* Fallén, 1820c, by original designation.

CURRENT STATUS: Valid genus [*teste* Sabrosky (1989b: 658)].

FAMILY: CHLOROPIDAE.

355. *Somula* Macquart, 1847a: 73(89).

ORIGINALLY INCLUDED SPECIES: *Somula decora* Macquart, 1847a.

TYPE SPECIES: *Somula decora* Macquart, 1847a, by original designation.

CURRENT STATUS: Valid genus [*teste* Poole (1996: 267)].

FAMILY: SYRPHIDAE.

356. *Sphaerophoria* Macquart, 1850c: 505.

CURRENT STATUS: Unjustified emendation of *Sphaerophoria* Le Peletier & Audinet-Serville, 1828; junior synonym of *Sphaerophoria* Le Peletier & Audinet-Serville, 1828. **New synonymy.**

FAMILY: SYRPHIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “e” in the same work.

[*Sphoerocera*] **Macquart, 1846: 345(217).**

CURRENT STATUS: Incorrect subsequent spelling of *Sphaerocera* Latreille, 1804.

FAMILY: SPHAEROCERIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work, Macquart [1846: 364(236)] also used the correct spelling of *Sphaerocera*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Sphoerocera*’ in Macquart (1846) as incorrect subsequent spellings of *Sphaerocera* Latreille, 1804.

[*Sphoerophora*] **Macquart, 1851c: 354.**

CURRENT STATUS: Incorrect subsequent spelling of *Sphaerophoria* Le Peletier & Audinet-Serville, 1828; junior synonym of *Sphaerophoria* Le Peletier & Audinet-Serville, 1828.

FAMILY: SYRPHIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “ia” to “a” in the same work, Macquart (1851c: 354) used more than one spelling for this nominal genus. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Sphoerophora*’ in Macquart (1851c) as incorrect subsequent spellings of *Sphaerophoria* Le Peletier & Serville, 1828.

357. *Sphaerophoria* Macquart, 1829: 68(216) [1834a: 551; 1839b: 109; 1842c: plate 17; 1851c: 354].

CURRENT STATUS: Unjustified emendation of *Sphaerophoria* Le Peletier & Audinet-Serville, 1828; junior synonym of *Sphaerophoria* Le Peletier & Audinet-Serville, 1828. **New synonymy.**

FAMILY: SYRPHIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “ae” to “oe” in the same work.

[*Spigolaster*] **Macquart, 1835b: 294 [1835c: 294].**

CURRENT STATUS: Incorrect original spelling of *Spilogaster* Macquart, 1835b [*teste* Macquart (1844: 320)].

FAMILY: MUSCIDAE.

358. *Spilogaster* Macquart, 1835b: 293 [1835c: 293].

ORIGINALLY INCLUDED SPECIES: *Musca uliginosa* Fallén, 1825b (with *Rohrella punctata* Robineau-Desvoidy, 1830 in synonymy); *Spilogaster quinque maculata* Macquart, 1835b; *Anthomyia pertusa* Meigen, 1826 (with “*Helina euphemoides* ? Rob. D. n°. 1” in synonymy); *Spilogaster binotata* Macquart, 1835b (with *Helina aricioidea* Robineau-Desvoidy, 1830 in synonymy); *Helina tibialis* Robineau-Desvoidy, 1830; *Mydina fulvicornis* Robineau-Desvoidy, 1830; *Musca quadrum* Fabricius, 1805 (with *Musca subpuncta* Fallén, 1825a [as “*subpunctata*”] and *Mydina dispar* Robineau-Desvoidy, 1830 in synonymy); *Anthomyia tetrastigma* Meigen, 1826; *Anthomyia duplicata* Meigen, 1826 (with *Mydina nigripes* Robineau-Desvoidy, 1830 in synonymy); *Musca notata* Fallén, 1823c; *Spilogaster caesia* Macquart, 1835b; *Musca dispar* Fallén, 1823c; *Spilogaster lasiophthalma* Macquart, 1835b.

TYPE SPECIES: *Musca quadrum* Fabricius, 1805, by subsequent designation (Westwood 1840: 142).

CURRENT STATUS: Junior synonym of *Helina* Robineau-Desvoidy, 1830 [*teste* Pont (1986: 136)].

FAMILY: MUSCIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1835b): *Spilogaster* (page 293) and *Spigolaster* (page 294). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1844: 320) acted as First Reviser and selected *Spilogaster* as the correct original spelling.

[*Spogastylum*] **Macquart, 1840a: plate 19 [1841: plate 19].**

CURRENT STATUS: Incorrect original spelling of *Spogostylum* Macquart, 1840a [*teste* Macquart (1851c: 349)].

FAMILY: BOMBYLIIDAE.

359. *Spogostylum* Macquart, 1840a: 53 [1841: 331].

ORIGINALLY INCLUDED SPECIES: *Spogostylum mystaceum* Macquart, 1840a.

TYPE SPECIES: *Spogostylum mystaceum* Macquart, 1840a [= *Anthrax tripunctata* Wiedemann, 1820b], by monotypy.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Greathead (1999: 322)].

FAMILY: BOMBYLIIDAE.

REMARKS: There are two original spellings for this nominal genus in Macquart (1840a): *Spogostylum* (page 53) and *Spogastylum* (plate 19). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1851c: 349) acted as First Reviser and selected *Spogostylum* as the correct original spelling. Evenhuis (1991: 69) selected the same spelling, but this was later.

EMENDATIONS: *Spongostylum* Agassiz, 1846b: 349 (unjustified); *Spongostylum* Bezzi, 1924: 3 (unjustified); *Spongostylum* Paramonov, 1939: 26 (unjustified).

360. *Stachynia* Macquart, 1835b: 36 [1835c: 36].

TYPE SPECIES: *Myopa gemina* Wiedemann, 1824 by subsequent designation (Desmarest *in d'Orbigny* 1848: 798).

CURRENT STATUS: Unnecessary new replacement name for *Dalmannia* Robineau-Desvoidy, 1830; junior synonym of *Dalmannia* Robineau-Desvoidy, 1830 [*teste* Gibson & Skevington (2013: 80)].

FAMILY: CONOPIDAE.

REMARKS: Not being a proponent of patronymic genus-group names, Macquart (1835b: 36) substituted *Dalmannia* Robineau-Desvoidy, 1830 with his name *Stachynia* as he thought it better reflected the characteristic terminal segments of the abdomen: “*M Robineau a formé ce nouveau genre sous le nom de Dalmannia, auquel je substitue celui de Stachynie, qui fait allusion à la pointe qui termine l'abdomen de l'un des sexes*”. There are two original spellings for this nominal genus in Macquart (1835b): *Stachynia* (pages 36–38) and *Stachynie* (page 36). By subsequent usage by the same author (ICZN Code Article 24.2.4), Macquart (1850c: 512) acted as First Reviser and selected *Stachynia* as the correct original spelling. Desmarest *in d'Orbigny* (1848: 748) explicitly designated a type species for *Stachynia* Macquart, 1835b, and by doing this they automatically made a designation also for *Dalmannia* Robineau-Desvoidy, 1830, which is the name it was supposed to replace (see Evenhuis *et al.* 2010b: 62).

[*Stachynie*] Macquart, 1835b: 36 [1835c: 36].

CURRENT STATUS: Incorrect original spelling of *Stachynia* Macquart, 1835b [*teste* Macquart (1850c: 512)].

FAMILY: CONOPIDAE.

REMARKS: Although spelled in the vernacular, the name was printed in italics, which is reserved for scientific names elsewhere in Macquart (1835b, 1835c).

[*Stacophaga*] Macquart, 1835b: 393 [1835c: 393].

CURRENT STATUS: Incorrect subsequent spelling of *Scathophaga* Meigen, 1803.

FAMILY: SCATHOPHAGIDAE.

REMARKS: The errata in Macquart (1835c: 708) indicates this is a lapsus and not an emendation.

[*Stenopteryx*] Macquart, 1835b: 644 [1835c: 644; 1850c: 554].

CURRENT STATUS: Incorrect subsequent spelling of *Stenepteryx* Leach, 1817 or subsequent usage of *Stenopteryx* of Nitzsch (1818).

FAMILY: HIPPOBOSCIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work. The earliest mention of *Stenepteryx* Leach, 1817 that we have found in this study using the spelling

‘*Stenopteryx*’ is by Nitzsch (1818: 264) as an incorrect subsequent spelling. The earliest emendation (unjustified) of *Stenepteryx* Leach, 1817 that we have found in this study using the spelling ‘*Stenopteryx*’ is *Stenopteryx* Schiner, 1864: 647, **n. syn.** [see Appendix I].

[*Stenostoma*] **Macquart, 1851c: 358.**

CURRENT STATUS: Incorrect subsequent spelling of *Senostoma* Macquart, 1847a.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Stomoxis*] **Macquart, 1829: 112(260) [1835b: 242; 1835c: 242; 1850c: 516].**

CURRENT STATUS: Incorrect subsequent spelling of *Stomoxys* Geoffroy, 1762 or subsequent usage of *Stomoxis* Latreille, 1797.

FAMILY: MUSCIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, the earliest emendation (unjustified) of *Stomoxys* Geoffroy, 1762 that we have found using the spelling ‘*Stomoxis*’ is *Stomoxis* Latreille, 1797: 161, made available by similar spelling changes in two or more names from “y” to “i” in the same work ([q.v. O’Hara *et al.* (2011: 173)]. Because of the equivocal nature of the name in these works, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Stomoxis*’ by Macquart in the above listed works as incorrect subsequent spellings of *Stomoxys* Geoffroy, 1762.

[*Stratyomis*] **Macquart, 1838b: 15(19).**

CURRENT STATUS: Incorrect subsequent spelling of *Stratiomys* Geoffroy, 1762.

FAMILY: STRATIOMYIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Stratiomyia*] **Macquart, 1838b: 179(183) [1850c: 469; 1851c: 341].**

CURRENT STATUS: Incorrect subsequent spelling of *Stratiomys* Geoffroy, 1762.

FAMILY: STRATIOMYIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works. The I.C.Z.N. (1957: 121 [Opinion 442]) stated that the 1838 use was an emendation of *Stratiomys* Geoffroy, 1762, but this is incorrect. A check of Macquart (1838b: 179) shows that there are no criteria that make the name available as an emendation in that work. Thus, ‘*Stratiomyia*’ is merely an incorrect subsequent spelling and an unavailable name, **new status**.

361. Strongygaster Macquart, 1834b: 75(211) [1835b: 191; 1835c: 191].

ORIGINALLY INCLUDED SPECIES: *Tachina globula* Meigen, 1824.

TYPE SPECIES: *Tachina globula* Meigen, 1824, by monotypy.

CURRENT STATUS: Valid genus [*teste* O’Hara & Wood (2004: 305)].

FAMILY: TACHINIDAE.

362. Stylogaster Macquart, 1835b: 38 [1835c: 38].

ORIGINALLY INCLUDED SPECIES: *Conops stylata* Fabricius, 1805.

TYPE SPECIES: *Conops stylata* Fabricius, 1805, by monotypy.

CURRENT STATUS: Valid genus [*teste* Stuke (2012: 353)].

FAMILY: CONOPIDAE.

363. *Sumpigaster* Macquart, 1855b: 104(124).

ORIGINALLY INCLUDED SPECIES: *Sumpigaster fasciatus* Macquart, 1855b.

TYPE SPECIES: *Sumpigaster fasciatus* Macquart, 1855b, by original designation.

CURRENT STATUS: Valid genus [*teste* O'Hara & Cerretti (2016: 218)].

FAMILY: TACHINIDAE.

REMARKS: O'Hara *et al.* (2009: 157) and O'Hara & Cerretti (2016: 218) correctly listed the type fixation as by original designation, while Cantrell & Crosskey (1989: 752) gave the method of typification of *Sumpigaster* Macquart, 1855b as by monotypy. A check of Macquart (1855b: 105) shows that there is the following statement: “*Le type du genre est de l'Océanie*”. This refers to the only included species, *Sumpigaster fasciatus* Macquart, 1855b, which was listed as being from “*l'Océanie*”. This suffices as an original designation.

364. *Tachydromia* Macquart, 1823: 152, 165.

CURRENT STATUS: Unjustified emendation of *Tachydromia* Meigen, 1803; junior synonym of *Tachydromia* Meigen, 1803. **New synonymy.**

FAMILY: HYBOTIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “*mia*” to “*myia*” in the same work.

365. *Taeniptera* Macquart, 1835b: 491 [1835b: 491].

ORIGINALLY INCLUDED SPECIES: *Taeniptera trivittata* Macquart, 1835b.

TYPE SPECIES: *Taeniptera trivittata* Macquart, 1835b, by monotypy.

CURRENT STATUS: Valid genus [*teste* Jackson *et al.* (2015: 425)].

FAMILY: MICROPEZIDAE.

REMARKS: Neave (1940: 388) listed ‘*Taenioptera*’ as an emendation by Agassiz (1846b) for *Taeniptera* Macquart, 1835b. This listing no doubt originates from Sherborn (1931a: 6372), who cited the spelling ‘*Taenioptera*’ from Scudder (1884: 310) and stated that he could not find it (“*sic* Scudder *sed non comp.*”), and then stated on the next line that Agassiz’s (1846b) listing of it was an emendation [a check of Agassiz (1846b) showed that the listing there is not an emendation, thus ‘*Taenioptera*’ in Agassiz (1846b) is an incorrect subsequent spelling and, as such, an unavailable name, **new status**.]

EMENDATIONS: *Taenioptera* Mik, 1898: 197 (unjustified), **n. syn.** [see Appendix I].

366. *Tamiclea* Macquart, 1836a: 190.

ORIGINALLY INCLUDED SPECIES: *Tamiclea cinerea* Macquart, 1836a.

TYPE SPECIES: *Tamiclea cinerea* Macquart, 1836a [= *Tachina globula* Meigen, 1824], by monotypy.

CURRENT STATUS: Junior synonym of *Strongygaster* Macquart, 1834b [*teste* Herting & Dely-Draskovits (1993: 416)].

FAMILY: TACHINIDAE.

[*Tamnocera*] Macquart, 1829: 106(254).

CURRENT STATUS: Incorrect subsequent spelling of *Temnocera* Le Peletier & Audinet-Serville, 1828.

FAMILY: SYRPHIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

367. *Tapeigaster* Macquart, 1847a: 102(86).

ORIGINALLY INCLUDED SPECIES: *Tapeigaster annulipes* Macquart, 1847a.

TYPE SPECIES: *Tapeigaster annulipes* Macquart, 1847a, by original designation.

CURRENT STATUS: Valid genus [*teste* Pitkin (1989c: 598)].

FAMILY: HELEOMYZIDAE.

REMARKS: Sabrosky (1999: 300) listed ‘*Tapigaster*’ of Bezzi (1923: 72) as “emend., but not adopted”. A check of Bezzi (1923) showed that Bezzi did indeed list the spellings *Tapigaster* and *Tapeigaster* together, but since he did not adopt the emended spelling (instead remaining equivocal in stating “*Tapeigaster* (perhaps the better spelling of which is *Tapigaster*) ...”, the name ‘*Tapigaster*’ in Bezzi (1923) is an incorrect subsequent spelling and as such an unavailable name, **new status**.

368. *Tapinocera* Macquart, 1838c: 78 [1839c: 194].

ORIGINALLY INCLUDED SPECIES: *Laphria brevicornis* Wiedemann, 1830.

TYPE SPECIES: *Laphria brevicornis* Wiedemann, 1830, by original designation.

CURRENT STATUS: Junior synonym of *Apiocera* Westwood, 1835 [*teste* Yeates (1994: 124)].

FAMILY: APIOCERIDAE.

REMARKS: Daniels (1989b: 324) and Yeates (1994: 124) indicated the method of typification of *Tapinocera* Macquart, 1838c as by monotypy, but this is incorrect. A check of Macquart (1838c) shows that there is the following statement: “*La Laphria brevicornis, Wied., se distingue tellement des autres espèces par ces caractères et par le facies qui lui donne l'apparence d'un Asile, que nous en formons le type de ce nouveau genre dont le nom exprime l'insertion basse des antennes*”, which is enough to designate *Laphria brevicornis* by original designation.

369. *Taxigramma* Macquart, 1850c: 522.

ORIGINALLY INCLUDED SPECIES: *Miltogramma heteroneura* Meigen, 1830 (as *Taxigramma* “*Heteronevra* Macq.”).

TYPE SPECIES: *Miltogramma heteroneura* Meigen, 1830 (as *Taxigramma* “*Heteronevra* Macq.”), by monotypy.

CURRENT STATUS: Valid genus [*teste* Pape (1996: 151; as “*Taxigramma* Perris, 1852”)].

FAMILY: SARCOPHAGIDAE.

REMARKS: Authorship of this genus is usually attributed to Perris (1852) (e.g., Coquillett 1910: 612; Dear 1980: 806; Pape 1996: 151). However, Macquart (1850c: 522), in his catalog of the Diptera in the Lille museum, listed an available species-group name in association with the genus-group name *Taxigramma*, thus making the genus-group name available from that date and with Macquart as author. For further details on this genus-group name, see Evenhuis & Pape (2014).

370. *Teichomyza* Macquart, 1835b: 534 [1835c: 534].

ORIGINALLY INCLUDED SPECIES: *Teichomyza fusca* Macquart, 1835b.

TYPE SPECIES: *Teichomyza fusca* Macquart, 1835b, by monotypy.

CURRENT STATUS: Valid subgenus of *Scatella* Robineau-Desvoidy, 1830 [*teste* Mathis & Zatwarnicki (1995: 280)].

FAMILY: EPHYDRIDAE.

EMENDATIONS: *Tichomyza* Agassiz, 1846b: 371 (unjustified); *Teicomys* Rondani, 1856: 130 (unjustified).

[*Tephritis*] *Macquart*, 1850c: 543.

CURRENT STATUS: Incorrect subsequent spelling of *Tephritis* Latreille, 1804.

FAMILY: TEPHRITIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Teremiya*] *Macquart*, 1852a: 174(339).

CURRENT STATUS: Incorrect subsequent spelling of *Teremyia* Macquart, 1835b.

FAMILY: LONCHAEIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

371. *Teremyia* Macquart, 1835b: 514 [1835c: 514].

ORIGINALLY INCLUDED SPECIES: *Lonchaea laticornis* Meigen, 1826.

TYPE SPECIES: *Lonchaea laticornis* Meigen, 1826, by monotypy.

CURRENT STATUS: Junior synonym of *Lonchaea* Fallén, 1820b [*teste* Coquillett (1910: 562)].

FAMILY: LONCHAEIDAE.

REMARKS: *Teremyia* is missing from the catalog of Kovalev & Morge (1984). Coquillett (1910: 562), following Hendel (1908), treated the genus as a junior synonym of *Lonchaea* Fallén, 1820b, and we follow this treatment here.

EMENDATIONS: *Teremya* Rondani, 1875: 268 (unjustified).

372. *Teretrophora* Macquart, 1851b: 174 [1851c: 201].

ORIGINALLY INCLUDED SPECIES: *Teretrophora fasciata* Macquart, 1851b.

TYPE SPECIES: *Teretrophora fasciata* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Cantrell & Crosskey (1989: 784)].

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 784) gave the method of typification of *Teretrophora* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 174) shows that there is the following statement: “*Le type appartient à la Tasmanie*”. This refers to the only included species, *Teretrophora fasciata* Macquart, 1851b, which is listed as being from “*Tasmanie*”. This suffices as an original designation.

[*Ternipus*] Macquart, 1855b: 35(55).

CURRENT STATUS: Incorrect subsequent spelling of *Tanypus* Meigen, 1803.

FAMILY: CHIRONOMIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

[*Terotrophora*] Macquart, 1851c: 356.

CURRENT STATUS: Incorrect subsequent spelling of *Teretrophora* Macquart, 1851b.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

373. *Thorasena* Macquart, 1838b: 177(181).

ORIGINALLY INCLUDED SPECIES: *Hermetia pectoralis* Wiedemann, 1824.

TYPE SPECIES: *Hermetia pectoralis* Wiedemann, 1824, by original designation.

CURRENT STATUS: Junior synonym of *Hermetia* Latreille, 1804 [*teste* Woodley (2001: 178)].

FAMILY: STRATIOMYIDAE.

EMENDATIONS: *Stenothorax* Agassiz, 1846b: 352 (unjustified).

[*Thryptocera*] Macquart, 1839b: 110.

CURRENT STATUS: Incorrect subsequent spelling of *Thryptocera* Macquart, 1834a.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

374. *Thryptocera* Macquart, 1834a: 310.

ORIGINALLY INCLUDED SPECIES: *Aphria abdominalis* Robineau-Desvoidy, 1830; *Germaria latifrons* Robineau-Desvoidy, 1830; *Osmaea grisea* Robineau-Desvoidy, 1830; *Thryptocera bicolor* Macquart, 1834a; *Ceromya*

erythrocer Robineau-Desvoidy, 1830 (as “*Ceromyia eryth.* Rob. D. N.° 1”); *Ceromya testacea* Robineau-Desvoidy, 1830 (as “*Ceromyia test.* Rob. D. N.° 4”); *Ceromya microcer* Robineau-Desvoidy, 1830 (as “*Ceromyia mic.* Rob. D. N.° 5”); *Thryptocera cinerea* Macquart, 1834a; *Tachina pilipennis* Fallén, 1810 (as “*Tachina pil.* Meig. N.° 196”).

TYPE SPECIES: *Tachina pilipennis* Fallén, 1810, by subsequent designation (Rondani 1856: 60).

CURRENT STATUS: Junior synonym of *Actia* Meigen, 1838 [*teste* Herting & Dely-Draskovits (1993: 328)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Tryptocera* Macquart, 1851c: 356 (unjustified); *Triptocera* Lioy, 1864: 1325 (unjustified).

[Thyreophaga] **Macquart, 1835b: 498 [1835c: 498].**

CURRENT STATUS: Incorrect subsequent spelling of *Thyreophora* Meigen, 1803.

FAMILY: PIOPHILIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in these works.

[Tiphritis] **Macquart, 1856: 149.**

CURRENT STATUS: Incorrect subsequent spelling of *Tephritis* Latreille, 1804.

FAMILY: TEPHRITIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

375. *Toxocera* Macquart, 1850b: 348 [1851c: 44].

ORIGINALLY INCLUDED SPECIES: *Toxocera limbiventris* Macquart, 1850b.

TYPE SPECIES: *Toxocera limbiventris* Macquart, 1850b [= *Hermetia marginata* Fabricius, 1805], by monotypy.

CURRENT STATUS: Junior synonym of *Eudmeta* Wiedemann, 1830 [*teste* Woodley (2001: 166)].

FAMILY: STRATIOMYIDAE.

376. *Toxocnemis* Macquart, 1855b: 103(123).

ORIGINALLY INCLUDED SPECIES: *Toxocnemis fasciatus* Macquart, 1855b.

TYPE SPECIES: *Toxocnemis fasciatus* Macquart, 1855b, by original designation.

CURRENT STATUS: Valid genus [*teste* Cantrell & Crosskey (1989: 754)].

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 754) gave the method of typification of *Toxocnemis* Macquart, 1855b as by monotypy, but this is incorrect. A check of Macquart (1855b: 104) shows that there is the following statement: “*Le type de ce genre est de la Nouvelle-Hollande*”. This refers to the only included species, *Toxocnemis fasciatus* Macquart, 1855b, which is listed as being from “*Nouvelle-Hollande*”. This suffices as an original designation.

377. *Toxomerus* Macquart, 1855b: 92(112).

ORIGINALLY INCLUDED SPECIES: *Toxomerus notatus* Macquart, 1855b.

TYPE SPECIES: *Toxomerus notatus* Macquart, 1855b [= *Scaeva geminatus* Say, 1823c], by original designation.

CURRENT STATUS: Valid genus [*teste* Thompson & Vockeroth (1989: 440)].

FAMILY: SYRPHIDAE.

378. *Toxonevra* Macquart, 1835b: 404 [1835c: 404].

ORIGINALLY INCLUDED SPECIES: *Toxonevra fasciata* Macquart, 1835b.

TYPE SPECIES: *Toxonevra fasciata* Macquart, 1835b, by monotypy.

CURRENT STATUS: Junior synonym of *Palloptera* Fallén, 1810 [*teste* Zuijlen & Aartsen (2002: 228)].

FAMILY: PALLOPTERIDAE.

EMENDATIONS: *Toxoneura* Bezzi, 1894: 352 (unjustified).

[Toxophera] **Macquart, 1846: 364(238).**

CURRENT STATUS: Incorrect subsequent spelling of *Toxophora* Meigen, 1803.

FAMILY: BOMBYLIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

379. Toxopoda Macquart, 1851b: 272 [1851c: 299].

ORIGINALLY INCLUDED SPECIES: *Toxopoda nitida* Macquart, 1851b.

TYPE SPECIES: *Toxopoda nitida* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Iwasa (2008: 450)].

FAMILY: SEPSIDAE.

380. Toxotarsus Macquart, 1851b: 211 [1851c: 238].

ORIGINALLY INCLUDED SPECIES: *Toxotarsus rufipalpis* Macquart, 1851b.

TYPE SPECIES: *Toxotarsus rufipalpis* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Mac-Lean & González (2006: 17)].

FAMILY: CALLIPHORIDAE.

REMARKS: James (1970: 14) gave the method of typification of *Toxotarsus* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 211) shows that there is the following statement: “*Le type de ce genre est du Chili*”. This refers to the only included species, *Toxotarsus rufipalpis* Macquart, 1851b, which is listed as being from “*Chili*”. This suffices as an original designation.

381. Toxura Macquart, 1851b: 262 [1851c: 292].

ORIGINALLY INCLUDED SPECIES: *Toxura maculipennis* Macquart, 1851b.

TYPE SPECIES: *Toxura maculipennis* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Pitkin (1989b: 501)].

FAMILY: PYRGOTIDAE.

382. Trichodura Macquart, 1844: 91(248)

ORIGINALLY INCLUDED SPECIES: *Musca anceps* Fabricius, 1805.

TYPE SPECIES: *Musca anceps* Fabricius, 1805, by original designation.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 103)].

FAMILY: TACHINIDAE.

383. Trichophora Macquart, 1847a: 62(78).

ORIGINALLY INCLUDED SPECIES: *Trichophora nigra* Macquart, 1847a.

TYPE SPECIES: *Trichophora nigra* Macquart, 1847a, by monotypy.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 72)].

FAMILY: TACHINIDAE.

[Trichoprosopus] **Macquart, 1854g: plate 4, figure 11.**

CURRENT STATUS: Incorrect subsequent spelling of *Trichoprosopus* Macquart, 1844.

FAMILY: TACHINIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

384. *Trichoprosopus* Macquart, 1844: 70(227)

ORIGINALLY INCLUDED SPECIES: *Trichoprosopus durvillei* Macquart, 1844.

TYPE SPECIES: *Trichoprosopus durvillei* Macquart, 1844, by original designation.

CURRENT STATUS: Valid genus [*teste* Guimarães (1971: 26)].

FAMILY: TACHINIDAE.

385. *Trichostylum* Macquart, 1851b: 181 [1851c: 208].

ORIGINALLY INCLUDED SPECIES: *Trichostylum rufipalpis* Macquart, 1851b.

TYPE SPECIES: *Trichostylum rufipalpis* Macquart, 1851b, by original designation.

CURRENT STATUS: Valid genus [*teste* Barraclough (1992: 1190)].

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 741) and Barraclough (1992: 1190) gave the method of typification of *Trichostylum* Macquart, 1851b as by monotypy, but this is incorrect. A check of Macquart (1851b: 182) shows that there is the following statement: “*Le type est de la Nouvelle-Hollande*”. This refers to the only included species, *Trichostylum rufipalpis* Macquart, 1851b, which is listed as being from “*Nouvelle-Hollande*”. This suffices as an original designation.

[*Trigonocephala*] Macquart, 1850c: 541.

CURRENT STATUS: Incorrect subsequent spelling of *Trigonometopus* Macquart, 1835b.

FAMILY: LAUXANIIDAE.

REMARKS: In his catalog of species in the Lille museum, Macquart (1850c: 541) gave an errant spelling of this nominal genus. It was originally cited in Macquart (1835b: 419) as *Trigonometopus*, but also in the vernacular as “*Trigonocéphale*”. Macquart (1835c: 708) corrected this to “*Trigonometope*” (see below under *Trigonometopus*), but when doing so apparently forgot to correct the museum label to correspond and thus inadvertently listed the old spelling of the genus in his 1850 inventory of the collection some 15 years later.

386. *Trigonometopus* Macquart, 1835b: 419 [1835c: 419].

ORIGINALLY INCLUDED SPECIES: *Tetanocera frontalis* Meigen, 1830 (as “*Trigonometope frontalis*. —*Tetanocera id.* Meig., n°. 20”).

TYPE SPECIES: *Tetanocera frontalis* Meigen, 1830 (as “*Trigonometope frontalis*. —*Tetanocera id.* Meig., n°. 20”), by original designation.

CURRENT STATUS: Valid genus [*teste* Evenhuis & Okadome (1989: 583)].

FAMILY: LAUXANIIDAE.

REMARKS: Papp (1984a: 198) gave the typification of *Trigonometopus* Macquart, 1835b as by monotypy, but this is incorrect. A check of Macquart (1835b) shows that although the original description is on page 419, the original designation is on page 365. The phraseology there states “*Nous en extrayons seulement le T. frontalis, Meig. dont nous faisons le type du genre Trigonocéphale*”. The errata in Macquart (1835c: 708) corrected the vernacular “*Trigonocéphale*” to the vernacular “*Trigonometope*”.

387. *Trimerina* Macquart, 1835b: 528 [1835c: 528].

ORIGINALLY INCLUDED SPECIES: *Trimerina tibialis* Macquart, 1835; *Notiphila madizans* Fallén, 1813; *Trimerina coeruleiventris* Macquart, 1835b.

TYPE SPECIES: *Notiphila madizans* Fallén, 1813 (as “*P. madizans* Fall.”), by subsequent designation (Westwood 1840: 153).

CURRENT STATUS: Valid genus [*teste* Mathis & Zatwarnicki (1995: 49)].

FAMILY: EPHYDRIDAE.

REMARKS: Previous catalogs [Wirth (1965: 742), Cogan (1984: 142), Mathis & Zatwarnicki (1995: 49)] have treated this name as a separate proposal of a genus-group name, but this is incorrect. Erroneously assuming *Psilopa* Fallén, 1823b was preoccupied by *Psilopus* Meigen, 1803, Macquart (1835b: 528) replaced *Psilopa* Fallén, 1823b with his substitute name *Trimerina* as is evidenced by the statement “*Fallén l’a établi sous le nom de Psilopa, déjà employé pour un genre de Dolichopodides. Celui que nous y substituons fait allusion aux trois segments de l’abdomen*”. [Fallén established this under the name *Psilopa*, which was already used for a genus of Dolichopodidae. The one that we substitute it with alludes to the three segments of the abdomen.]. Acceptance of *Trimerina* Macquart, 1835b as a replacement name for *Psilopa* Fallén, 1823b would cause instability of the nomenclature and taxonomy of *Trimerina* as it would be placed as an objective junior synonym of *Psilopa* Fallén, 1823b and a new name would then be needed for species currently treated in *Trimerina*. To avoid this predicament, we therefore follow Mathis & Zatwarnicki (1995: 49) in treating *Trimerina* Macquart, 1835 as a valid genus and separate from *Psilopa* Fallén, 1823b. An application to the ICZN Commission to resolve the status of *Psilopa* Fallén, 1823b and *Trimerina* Macquart, 1835 seems warranted.

388. *Trinevra* Macquart, 1835b: 625 [1835c: 625].

CURRENT STATUS: Unjustified emendation of *Trineura* Meigen, 1830; junior synonym of *Phora* Latreille, 1797.

New synonymy.

FAMILY: PHORIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “neura” to “nevra” in the same work. *Trineura* Meigen, 1803 is currently treated as a junior synonym of *Phora* Latreille [teste Sabrosky (1999: 314)].

[Tripeta] Macquart, 1850c: 544.

CURRENT STATUS: Incorrect subsequent spelling of *Trypeta* Meigen, 1803.

FAMILY: TEPHRITIDAE.

REMARKS: Although this name might be construed as being made available as an emendation by virtue of similar spelling changes in two or more names from “y” to “i” in the same work, Macquart (1850c: 544) also used the correct spelling of *Trypeta*. Because of the equivocal nature of the name in this work, we invoke ICZN Code Art. 33.5 and treat all usages of ‘*Tripeta*’ in Macquart (1850c) as incorrect subsequent spellings of *Trypeta* Meigen, 1803.

389. *Tritaxys* Macquart, 1847a: 65(81).

ORIGINALLY INCLUDED SPECIES: *Tritaxys australis* Macquart, 1847a.

TYPE SPECIES: *Tritaxys australis* Macquart, 1847a, by original designation.

CURRENT STATUS: Valid genus [teste O’Hara *et al.* (2009: 119)].

FAMILY: TACHINIDAE.

REMARKS: Cantrell & Crosskey (1989: 780) and O’Hara *et al.* (2009: 119) gave the method of typification of *Tritaxys* Macquart, 1847a as by monotypy, but this is incorrect. A check of Macquart (1847a: 65) shows that there is the following statement: “*Le type est de la Tasmanie*”. This refers to the only included species, *Tritaxys australis* Macquart, 1847a, which is listed as being from “*Tasmanie*”. This suffices as an original designation.

390. *Trupanea* Macquart, 1838c: 91 [1839c: 207].

ORIGINALLY INCLUDED SPECIES: *Trupanea fulvipes* Macquart, 1838c; *Trupanea latitarsata* Macquart, 1838c (with *Asilus latitarsatus* Macquart, 1839c in synonymy); *Trupanea consanguinea* Macquart, 1838c (with *Asilus consanguineus* Macquart, 1839 in synonymy); *Trupanea senegalensis* Macquart, 1838c; *Trupanea limbata* Macquart, 1838c; *Trupanea robertii* Macquart, 1838c; *Trupanea orientalis* Macquart, 1838c; *Trupanea*

flavibarbis Macquart, 1838c; *Trupanea heteroptera* Macquart, 1838c; *Trupanea varipes* Macquart, 1838c; *Trupanea marcii* Macquart, 1838c; *Trupanea duvaucelii* Macquart, 1838c; *Asilus javanus*, Wiedemann, 1819a; *Trupanea bifasciata* Macquart, 1838c; *Trupanea westermanni* Macquart, 1838c (as “*Trupanea westermanni*; *Asilus* id., Wied.”); *Trupanea rubritarsata* Macquart, 1838c; *Asilus maculatus* Fabricius, 1775; *Trupanea rufoungulata* Macquart, 1838c (as “*Trupanea rufo-ungulata*”); *Trupanea apicalis* Macquart, 1838c; *Trupanea zeylanica* Macquart, 1838 (as “*ceylanica*”); *Asilus maculosus* Macquart, 1834a (as “*Trupanea maculosa*”); *Trupanea grandis* Macquart, 1838c; *Trupanea nigripes* Macquart, 1838c; *Trupanea quatuorlineata* Macquart, 1838c; *Trupanea gracilis* Macquart, 1838c; *Trupanea flavifasciata* Macquart, 1838c; *Asilus vertebrata* Say, 1823b; *Trupanea longipes* Macquart, 1838c; *Trupanea fusca* Macquart, 1838c; *Trupanea bastardii* Macquart, 1838c; *Trupanea tibialis* Macquart, 1838c; *Trupanea albibarbis* Macquart, 1838c; *Trupanea vicina* Macquart, 1838c; *Trupanea longiterebrata* Macquart, 1838c (as “*Trupanea longi-terebrata*”); *Trupanea incisa* Macquart, 1838c; *Trupanea dorsalis* Macquart, 1838c; *Trupanea fulvipes* Macquart, 1838c; *Trupanea incisularis* Macquart, 1838c; *Trupanea castanipes* Macquart, 1838c; *Trupanea manillensis* Macquart, 1838c.

TYPE SPECIES: *Asilus maculatus* Fabricius, 1775, by original designation.

CURRENT STATUS: Preoccupied by *Trupanea* Schrank, 1795; senior (but invalid) synonym of *Promachus* Loew, 1848 [teste Papavero (2009b: 44)].

FAMILY: ASILIDAE.

391. *Tryptocera* Macquart, 1844: 303(459).

CURRENT STATUS: Unjustified emendation of *Thryptocera* Macquart, 1834a; junior synonym of *Actia* Meigen, 1838 [teste O’Hara *et al.* (2011: 186)].

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “th” to “t” in the same work [teste O’Hara *et al.* (2011: 186)]. *Thryptocera* Macquart, 1834a is currently treated as a junior synonym of *Actia* Meigen, 1803 [teste Herting & Dely-Draskovits (1993: 328)].

392. *Uramyia* Macquart, 1844: 69(225).

CURRENT STATUS: Unjustified emendation of *Uramya* Robineau-Desvoidy, 1830; junior synonym of *Uramya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “mya” to “myia” in the same work.

393. *Vermileo* Macquart, 1834a: 428.

ORIGINALLY INCLUDED SPECIES: *Vermileo degeerii* Macquart, 1834a (with *Musca vermileo* Linnaeus, 1758 [as “*Leptis vermileo*, Fab. S. Antl. no. 7.—Meig. no. 12.—*Rhagio* id. Lat. gen. 4, 288”] in synonymy).

TYPE SPECIES: *Musca vermileo* Linnaeus, 1758, by absolute tautonymy.

CURRENT STATUS: Valid genus [teste Sabrosky (1999: 320)].

FAMILY: VERMILEONIDAE.

REMARKS: Previous catalogers (e.g., James 1965: 342; Sabrosky 1999: 320) have given the type species as *Vermileo degeerii* Macquart, 1834a, by monotypy, but this is incorrect. As detailed by Stuckenberg (2004), Macquart (1834a) proposed the substitute name *Vermileo degeerii* most likely to avoid tautonymy and placed in synonymy with it *Musca vermileo* Linnaeus, 1758 (as “*Leptis vermileo*, de Fabricius et de Meigen”). However, by doing so, it is one of the originally included nominal species and thus the type species is *Musca vermileo* Linnaeus, 1758, by absolute tautonymy. Majer (1988: 34) gave the type species as *Musca vermileo* Linnaeus, 1758 by original designation, but this is incorrect. A check of Macquart (1834a) shows that there is no wording that can be construed as an original designation.

[*Volucella*] Macquart, 1826b: 372(51).

CURRENT STATUS: Incorrect subsequent spelling of *Voluccella* Fabricius, 1794 or subsequent use of ‘*Volucella*’ of Coquebert (1801).

FAMILY: BOMBYLIIDAE.

REMARKS: Criteria for making this name available as an emendation were not found to be fulfilled in this work.

The earliest mention of *Volucella* Fabricius, 1794 that we have found in this study using the spelling ‘*Volucella*’ is by Coquebert (1801: 86) as an incorrect subsequent spelling.

394. *Xenomorpha* Macquart, 1838b: 193(197).

ORIGINALLY INCLUDED SPECIES: *Xenomorpha leptiformis* Macquart, 1838b.

TYPE SPECIES: *Xenomorpha leptiformis* Macquart, 1838b, by monotypy.

CURRENT STATUS: Junior synonym of *Chiomyza* Wiedemann, 1820a [*teste* Woodley (2001: 46)].

FAMILY: STRATIOMYIDAE.

395. *Xestomyza* Macquart, 1851c: 348.

CURRENT STATUS: Unjustified emendation of *Xestomyza* Wiedemann, 1820a; junior synonym of *Xestomyza* Wiedemann, 1820a. **New synonymy.**

FAMILY: THEREVIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “myza” to “mysa” in the same work.

396. *Xiphidicera* Macquart, 1834a: 356.

ORIGINALLY INCLUDED SPECIES: *Xiphidicera rufipes* Macquart, 1834a.

TYPE SPECIES: *Xiphidicera rufipes* Macquart, 1834a, by monotypy.

CURRENT STATUS: Treated in “Doubtful genus and species” [*teste* Chvála & Kovalev (1989: 180)].

FAMILY: HYBOTIDAE.

REMARKS: Some works (e.g., Schiner 1860: 80; Coquillett 1903: 254, 1910: 621) have treated *Xiphidicera* as a junior synonym of *Oedalea* Meigen, 1820. In their world catalog, Yang *et al.* (2007: 466) recorded “*Xiphidicera rufipes* Macquart, 1834” in “Doubtful Species” but failed to record the genus-group name.

EMENDATIONS: *Xyphidicera* Rondani, 1845b: 152 (unjustified).

397. *Xiphocera* Macquart, 1834a: 279.

ORIGINALLY INCLUDED SPECIES: *Xiphocera percheronii* Macquart, 1834a.

TYPE SPECIES: *Xiphocera percheronii* Macquart, 1834a, by monotypy.

CURRENT STATUS: Junior synonym of *Ancylorhynchus* Berthold, 1827 [*teste* Geller-Grimm (2004: 499)].

FAMILY: ASILIDAE.

EMENDATIONS: *Xyphocera* Rondani, 1845b: 152 (unjustified).

398. *Zophomyia* Macquart, 1835b: 159 [1835c: 159].

ORIGINALLY INCLUDED SPECIES: *Musca temula* Scopoli, 1763; *Minella nitida* Robineau-Desvoidy, 1830; *Tachina egens* Meigen, 1824; *Macquartia rubripes* Robineau-Desvoidy, 1830; *Tachina rufipes* Meigen, 1824; *Macquartia microcera* Robineau-Desvoidy, 1830; *Tachina aenea* Meigen, 1824 (with *Macquartia viridescens* Robineau-Desvoidy, 1830 in synonymy); *Tachina chalybeata* Meigen, 1824; *Amedea scutellaris* Robineau-Desvoidy, 1830; *Albinia buccalis* Robineau-Desvoidy, 1830.

TYPE SPECIES: *Musca temula* Scopoli, 1763, by subsequent designation (Westwood 1840: 139).

CURRENT STATUS: Valid genus [*teste* Herting & Dely-Draskovits (1993: 304)].

FAMILY: TACHINIDAE.

EMENDATIONS: *Zophomya* Rondani, 1859: 82 (unjustified).

399. *Zygonevra* Macquart, 1834a: 158 [1850c: 463].

CURRENT STATUS: Unjustified emendation of *Zygoneura* Meigen, 1803; junior synonym of *Zygoneura* Meigen, 1803. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “neura” to “nevra” in the same work.

List of the Diptera genus-group names incorrectly attributed to Macquart

***Bittacomorpha* Westwood, 1835: 281.**

CURRENT STATUS: Valid genus [*teste* Poole (1996: 219)].

FAMILY: PTYCHOPTERIDAE.

REMARKS: Attributed to Macquart by Evenhuis (1994b) and Sabrosky (1999: 64), based on its appearance in Macquart (1835b: 648). Evenhuis (1994b) had incomplete dating information on Westwood (1835), thereby mistakenly treating it as postdating Macquart (1835b). Subsequent research has shown Westwood (1835) to have been published in April and Macquart (1835b) to have been published in May. Therefore *Bittacomorpha* takes the date and authorship from its publication in Westwood (1835).

[*Brachyasterina*] **Neave, 1939: 465.**

CURRENT STATUS: Incorrect subsequent spelling of *Brachygasterina* Macquart, 1851.

FAMILY: MUSCIDAE.

[*Eucampsipodia*] **Becker, 1905: 294.**

CURRENT STATUS: Incorrect subsequent spelling of *Eucampsipoda* Kolenati, 1862.

FAMILY: HIPPOBOSCIDAE.

REMARKS: In the index to the Palaearctic Diptera catalogue, Becker (1905: 294) inadvertently cited “Macq.” as the author of the spelling “*Eucampispodia*”, when the catalog proper (Becker 1905: 289) correctly indicated that the spelling was attributed to Kolenati.

[*Erinacia*] **Bigot in Scudder, 1882: 127.**

CURRENT STATUS: Unavailable name.

FAMILY: ?TACHINIDAE.

REMARKS: Attributed by Bigot in Scudder (1882: 127) to “Macquart. 1855, Dipt., Tach.”. However, a check of all of Macquart’s works failed to find this spelling.

***Gynoplistia* Westwood, 1835: 280.**

CURRENT STATUS: Valid genus [*teste* Sabrosky (1999: 147)].

FAMILY: TIPULIDAE.

REMARKS: Attributed to Macquart by Evenhuis (1994b) and Sabrosky (1999). See *Bittacomorpha* (above) for details on dating, which pertain to this name as well.

[*Microstyliina*] **Marschall, 1873: 337.**

CURRENT STATUS: Unavailable name; possibly an incorrect subsequent spelling of *Gymnostyliina* Macquart, 1855.

FAMILY: ?CALLIPHORIDAE.

REMARKS: Attributed by Marschall (1873: 337) to “Macquart, 1855, *Ann. Soc. Ent. Fr.*”. However, a check of all papers by Macquart in the *Annales* showed no *Microstyliina*, but there is a description of the new genus-group

name *Gymnostylina* (q.v.) in Macquart (1855c: 25). It could be that Marschall's (1873) '*Microstylina*' is an incorrect subsequent spelling of *Gymnostylina*.

[Palidea] **Bigot in Scudder, 1882: 245.**

CURRENT STATUS: Incorrect subsequent spelling of *Polidea* Macquart, 1848.

FAMILY: TACHINIDAE.

REMARKS: Bigot in Scudder (1882: 245) attributed this name to Macquart "1854. Dipt. Tach.", but with a question mark, indicating that he was not sure. A check of all Macquart publications showed no such spelling. It is most probable that this was an incorrect subsequent spelling of *Polidea* Macquart, 1848.

[Trizota] **Verrall in Scudder, 1882: 344.**

CURRENT STATUS: Unavailable name; name proposed in synonymy and not made available before 1961.

FAMILY: SYRPHIDAE.

REMARKS: Attributed by Verrall in Scudder (1882: 344) to Macquart, 1829 as a synonym of *Syritta* Le Peletier & Audinet-Serville, 1828. However, a check of Macquart (1829) shows only the vernacular "Trizote" being characterized (Macquart 1829: 122) and no scientific name. Although the listing of *Trizota* by Verrall in Scudder (1882: 344) is the first latinization of the vernacular "Trizote" and by reference to Macquart (1829) gives characters to differentiate by indication (i.e., bibliographic reference), the name was proposed in synonymy with *Syritta* Le Peletier & Audinet-Serville, 1828 and not made available as a valid taxon before 1961. The only works in which this name has appeared are nomenclators [viz., Sherborn (1931b: 6641) and Neave (1940: 572)], which cannot be used in determining usage of valid taxa. Thus, both '*Trizote*' of Macquart (1829) and '*Trizota*' of Scudder (1882) are unavailable names, **n. stat.**

List of the Diptera genus-group names of Macquart by Family

Format of typeface of families below follows that of the catalog.

ACROCERIDAE: *Epicerina*; *Eriosoma*; *Mesocera*; **Mesophysa**; *Physegaster*; [Pteredontia]; **Pteropexus**.

AGROMYZIDAE: *Odontocera*; *Phytomiza*.

ANTHOMYIIDAE: [Aegeria]; *Chortophila*; *Craspedochoeta*; [Hidrophoria]; *Hylemyia*; *Pegomyia*; [Phorea].

ANTHOMYZIDAE: [Leptomysa]; *Leptomyza*.

APIOCERIDAE: *Pomacera*; *Tapinocera*.

ASILIDAE: **Acnephalum**; [Alractia]; **Apoclea**; [Asibus]; [Asylus]; **Atomosia**; **Atractia**; [Blepharis]; **Brachyrhopala**; **Codula**; *Craspedia*; *Discocephala*; *Dolichodes*; **Hoplistomera**; [Hoplistomerus]; **Lampria**; **Laxenecera**; **Lecania**; *Lophonotus*; **Mallophora**; **Megapoda**; **Michotamia**; **Microstylum**; *Phoneus*; **Plesiomma**; **Proctacanthus**; **Rhopalogaster**; **Senobasis**; **Senoprosopis**; *Senoxericera*; *Trupanea*; *Xiphocera*.

ASTEIIDAE: **Leiomyza**.

ATHERICIDAE: **Dasyomma**.

AULACIGASTRIDAE: **Aulacigaster**; [Aulacigastre].

BIBIONIDAE: [Bibia]; *Eupeitenus*.

BLEPHARICERIDAE: **Blepharicera**.

BOMBYLIIDAE: [Aceotrichus]; [Aceotricus]; [Acreotichus]; **Acreotrichus**; [Acreotricus]; **Adelidea**; **Anisotamia**; [Antrax]; [Bombilius]; **Callostoma**; [Camptosia]; **Comptosia**; *Cyclorhynchus*; [Cyclorynchus]; *Dasypalpus*; **Enica**; *Eniconevra*; **Exoprosopa**; [Heterostilum]; **Heterostylum**; *Lasioprosopa*; [Lithorhynchus]; *Litorhynchus*; **Megapalpus**; **Ogcodocera**; **Plesiocera**; **Sericosoma**; [Spogastylum]; **Spogostylum**; [Toxophera]; [Volucella].

CALLIPHORIDAE: **Blepharicnema**; *Calobatemyia*; **Catapicephala**; *Chrysomyia*; *Cynomyia*; **Gymnostylina**; *Ochromyia*; [Phumasia]; **Platytropesa**; [Platytropeza]; [Ptylostylum]; *Ptylostylum*; **Silbomyia**; **Toxotarsus**.

CECIDOMYIIDAE: [Clenorhynchus]; [Clinorhynchus]; [Deomyza]; **Lestremia**.

CHAMAEMYIIDAE: [Ochthiphila]; *Ochthiphila*.
 CHIRONOMIDAE: [Chironoma]; [Ternipus].
 CHLOROPIDAE: **Diasema**; **Ectecephala**; **Elachiptera**; *Gymnopoda*; **Siphonella**.
 CLUSIIDAE: *Heteronevra*.
 CONOPIDAE: *Pleurocerina*; *Stachynia*; [Stachynie]; **Stylogaster**.
 CTENOSTYLIDAE: **Ctenostylum**.
 CULICIDAE: *Megarhina*.
 CURTONOTIDAE: **Curtonotum**; [Cyrtonotum].
 CYLINDROTOMIDAE: **Cylindrotoma**.
 DIADOCIDIIDAE: *Macronevra*.
 DIASTATIDAE: **Campichoeta**.
 DOLICHOPODIDAE: **Argyra**; [Chysotus]; *Diaphora*; [Dilochopus]; [Dolichapus]; [Dolychopus]; *Leptopezina*; [Medeterus]; **Microphor**; [Microphora]; [Microphorus]; [Orthochile]; [Orthochile]; [Porphirops]; *Porphirops*.
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 EMPIDIDAE: [Anodontina]; **Aplomera**; *Ardoptera*; **Chelifera**; **Chelipoda**; **Dolichocephala**; [Dolichocephalus]; *Eriogaster*; *Hemerodromyia*; **Hydrodromia**; *Pachymerina*; *Paramesia*; [Ramphomyia]; [Rhamphomia].
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 MYCETOPHILIDAE: [Gnorista]; *Pachypalpus*.
 MYDIDAE: **Dolichogaster**; **Rhopalia**.
 MYTHICOMYIIDAE: [Plutypygus].
 NEMESTRINIDAE: [Hirmoneuera]; **Moegistorhynchus**; [Nemestrina].
 OESTRIDAE: [Cephenemya].
 PALLOPTERIDAE: *Toxonevra*.
 PANTOPHTHALMIDAE: [Raphiorhincus]; *Raphiorhynchus*; [Rhaphiorhincus]; [Rhaphiorynchus].
 PELECORHYNCHIDAE: **Pelecorhynchus**.
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 PIOPHILIDAE: [Blepharipalpus]; [Thyreophaga].
 PIPUNCULIDAE: *Atelenevra*.
 PLATYPEZIDAE: [Callomya]; *Platipeza*.
 PLATYSTOMATIDAE: *Campigaster*; **Cleitamia**; *Cruphiocera*; *Eniconevra*; *Epidesma*; **Euprosopia**; [Euripalpus]; **Eurypalpus**; *Heterogaster*; **Lamprogaster**; **Loxonevra**; [Platistoma]; **Senopterina**.
 PSILIDAE: [Platychoeta]; *Platystyla*.
 PSYCHODIDAE: [Nemapalpus]; **Nemopalpus**; [Phycoda].
 PYRGOTIDAE: **Campylocera**; **Cardiacera**; [Cardiocera]; *Epicerella*; *Oxycephala*; **Toxura**.
 RHAGIONIDAE: [Chrysopila]; **Chrysopilus**; *Chrysopyla*.
 RHINIIDAE: *Rhynchomyia*.
 RHINOPHORIDAE: **Cassidaemyia**; [Cassidemysia].
 RICHARDIIDAE: **Coilometopia**; *Conopsida*; *Merodina*; *Michogaster*; **Odontomera**; *Omalocephala*.

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SCATOPSIDAE: [Scathopse].

SCIARIDAE: [Moblorus].

SCIOMYZIDAE: *Graphomyzina*; [Sciomyza]; **Scotimyza**.

SEPSIDAE: *Anisophysa*; *Cheligaster*; **Toxopoda**.

SIMULIIDAE: [Sibystroma].

SPHAEROCERIDAE: *Apterina*; **Ceroptera**; **Crumomyia**; *Heteroptera*; **Limosina**; [Sphoerocera].

STRATIOMYIDAE: [Acanthinia]; *Acrochoeta*; [Anachantella]; **Anacanthella**; *Basentidema*; **Campeprosopa**; *Chiromysa*; *Chrisochlora*; *Chrysomyia*; *Cyclogaster*; **Dicranophora**; *Diphysa*; [Exochostoma]; **Exochostoma**; [Heleracanthia]; **Heteracanthia**; *Hoplistes*; *Metoponia*; [Nemotetus]; [Phillophora]; *Phyllophora*; **Raphiocera**; [Raphiocera]; [Stratiomyia]; [Stratyomis]; *Thorasena*; *Toxocera*; *Xenomorpha*.

SYRPHIDAE: **Asarkina**; **Brachypalpus**; *Chymophila*; [Coilometopa]; *Coiloprosopa*; **Copestylus**; **Didea**; **Dolichogyna**; **Dolichomerus**; [Dolichoremus]; [Eristatis]; [Heliophilus]; **Hemilampra**; *Imatisma*; *Megaspis*; [Misolampra]; **Mixogaster**; *Mixtemyia*; [Myxogaster]; **Ocyptamus**; **Orthonevra**; **Orthoprosopa**; **Palpada**; *Plagiocera*; *Platynchoetus*; *Plesia*; *Polydonta*; *Priomerus*; [Scoeua]; [Scoeua]; **Senaspis**; **Senogaster**; **Somula**; *Spherophoria*; [Sphoerophora]; *Sphoerophoria*; [Tamnocera]; **Toxomerus**.

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THEREVIDAE: [Anabarhynchus]; **Anabarhynchus**; [Anabarynchus]; [Ecthinorhynchus]; **Ectinorhynchus**; *Exapata*; [Ruppellia]; *Xestomyia*.

TIPULIDAE: *Apeilesis*; **Ctenogyna**; [Megistocera]; *Moegistocera*; **Ozodicera**; [Pachirrhina]; *Pachyrhina*; [Pachyrina].

ULIDIIDAE: [Aamethysa]; **Amethysa**; *Camptonevra*; **Ceroxys**; [Coeroxys]; *Eumetopia*; [Oeroxys]; [Plagiocephala].

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XYLOPHAGIDAE: [Caenomyia]; **Exeretonevra**.

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[Latest date printed in the volume.]
- Macquart, P.-J.-M. (1826a) Insectes diptères du Nord de la France. [Tome I.] Tipulaires. *Recueil des Travaux de la Société d'Amateurs des Sciences, de l'Agriculture et des Arts à Lille*, 1823/1824, 59–224, 4 pls. [31 August]
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- Macquart, P.-J.-M. (1826b) Insectes diptères du Nord de la France. Tome II. Asiliques, bombyliers, xylocomes, leptides, stratiomydes, xylophagites et tabaniens. *Recueil des Travaux de la Société d'Amateurs des Sciences, de l'Agriculture et des Arts à Lille*, 1825, 324–499. [11 November]
[The reprinted version, L. Danel, Lille, pp. 3–178, came out simultaneously. For dating see Evenhuis (1997: 510).]
- Macquart, P.-J.-M. (1828) *Insectes diptères du Nord de la France*. [Tome III.] Platypézines, dolichopodes, empides, hybotides. “1827”. L. Danel, Lille, 159 pp., 4 pls. [19 May]
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<http://dx.doi.org/10.5962/bhl.title.8146>
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[The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1833: 137–368 came out in October; see Evenhuis (1997: 510) for dating.]
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- Macquart, P.-J.-M. (1835a) Description d'un nouveau genre d'insectes diptères de la famille des notacanthes. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1834, 504–509. [16 January]
[Dated from *Bibliographie de la France*.]
- Macquart, P.-J.-M. (1835b) *Histoire naturelle des insectes. Diptères. Tome deuxième*. N.E. Roret, Paris, 703 + [2] pp. [February]
[Dated from its review in the *Bulletin Bibliographique des Ouvrages Publiés en France sur les Sciences*, 1835. Two versions of this work appeared. The original has a two-page errata. A subsequent printing (*vide infra*) included a revised six-page errata but otherwise no change in text.]
<http://dx.doi.org/10.5962/bhl.title.14274>
- Macquart, P.-J.-M. (1835c) *Histoire naturelle des insectes. Diptères. Tome deuxième*. N.E. Roret, Paris, 710 pp. [31 December+]
[This is the second printing of this work, which includes a revised errata with additional pages, but otherwise no change in text.]
- Macquart, P.-J.-M. (1836a) Description d'un nouveau genre d'insectes diptères de la famille des créophiles, tribu des tachinaires. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1835, 188–191. [16 January]
[Dated from *Bibliographie de la France*.]
- Macquart, P.-J.-M. (1836b) Description d'un nouveau genre d'insectes diptères de la famille des tanystomes. *Annales de la Société Entomologique de France*, 5, 517–520. [31 October]
[Dated from *Comptes Rendus Hebdomadaires de l'Académie des Sciences, Bulletin Bibliographique*.]
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- Macquart, P.-J.-M. (1838a) Notice sur le genre Pangonie. *Annales de la Société Entomologique de France*, 6 [1837], 429–438. [January]

[Dated from C.D. Sherborn MS notes, *in litt.*]

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[The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1838 (2), 9–225 came out on 27 October; see Evenhuis (1997: 512) for dating.]
<http://dx.doi.org/10.5962/bhl.title.15792>
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[The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1838 (3), 121–323 came out on 18 December 1839; see Evenhuis (1997: 512) for dating.]
<http://dx.doi.org/10.5962/bhl.title.15792>
- Macquart, P.-J.-M. (1838d) Notice sur trois diptères nouveaux des genres *Medeterus* et *Scatophaga*. *Annales de la Société Entomologique de France*, 7, 421–424. [November]
[Dated from C.D. Sherborn MS notes, *in litt.*]
- Macquart, P.-J.-M. (1838e) Notice sur un nouveau genre de diptères de la famille des dolichopodes. *Annales de la Société Entomologique de France*, 7, 425–427. [November]
[Dated from C.D. Sherborn MS notes, *in litt.*]
- Macquart, P.-J.-M. (1839a) Diptères. In: Webb, P.B. & Berthelot, S., *Histoire naturelle des Iles Canaries. Tome deuxième. Deuxième partie. Contenant la zoologie*. Béthune, Paris, pl. 4 [= Livraison 42]. [16 September]
[Dated from Evenhuis (1997: 806). Plate 4 containing the Diptera was issued in livraison 42, which was published on 16 September 1839. The text in livraison 44 was issued on 28 October. Names of new taxa made available on the plate have priority here.]
<http://dx.doi.org/10.5962/bhl.title.60795>
- Macquart, P.-J.-M. (1839b) Diptères. In: Webb, P.B. & Berthelot, S., *Histoire naturelle des Iles Canaries. Tome deuxième. Deuxième partie. Contenant la zoologie*. Béthune, Paris, pp. 97–119 [= Livraison 44]. [28 October]
[The entire livraison 44 contained pp. 89–119. Dated from Evenhuis (1997: 806). Plate 4 containing the Diptera was issued in livraison 42, which was published on 16 September 1839.]
<http://dx.doi.org/10.5962/bhl.title.60795>
- Macquart, P.-J.-M. (1839c) *Diptères exotiques nouveaux ou peu connus. Tome premier.—2^e partie. Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1838 (3), 121–323. [18 December]
[This is the journal version of Macquart (1838c); see Evenhuis (1997: 512) for dating.]
- Macquart, P.-J.-M. (1840a) *Diptères exotiques nouveaux ou peu connus. Tome deuxième.—1^{re} partie*. N.E. Roret, Paris, 131 pp. (pp. 5–135), 21 pls. [31 December+]
[There is no dating evidence for the issuance of this separate aside from the “1840” on the title page. The journal version came out in 1841.]
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- Macquart, P.-J.-M. (1840b) Notice sur les insectes diptères qui nuisent aux céréales dans l'état de végétation. *Bulletin de la Société Linnéenne du Nord de la France*, 1, 143–147. [31 December+]
- Macquart, P.-J.-M. (1840c) Nouvelle notice sur les insectes diptères qui nuisent aux céréales dans l'état de végétation. *Bulletin de la Société Linnéenne du Nord de la France*, 1, 332–338. [31 December+]
- Macquart, P.-J.-M. (1841) *Diptères exotiques nouveaux ou peu connus. Tome deuxième.—1^{re} partie. Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1840, 283–413, 21 pls. [7 April]
[This is the journal version of Macquart (1840a); see Evenhuis (1997: 513) for dating.]
- Macquart, P.-J.-M. (1842a). [Note: Description d'un nouveau genre de l'ordre des diptères. (G. *Exochostoma*, Macq.)]. *Annales de la Société Entomologique de France*, 10, lix. [January]
[Dated from C.D. Sherborn MS notes, *in litt.*]
- Macquart, P.-J.-M. (1842b) Description d'un nouveau genre d'insectes diptères. *Annales de la Société Entomologique de France*, 11, 41–44. [May]
[Dated from wrapper on copy in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, USA.]
- Macquart, P.-J.-M. (1842c) *Diptères exotiques nouveaux ou peu connus. Tome deuxième.—2^e partie*. N.E. Roret, Paris, 136 pp. (pp. 5–140), 21 pls. [12 December]
[The journal version, dated “1842” in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1841 (1), 65–200, 21 pls, is treated here as appearing later than the reprinted version; see Evenhuis (1997: 513) for dating.]
<http://dx.doi.org/10.5962/bhl.title.15792>
- Macquart, P.-J.-M. (1843) Description d'un nouveau genre d'insectes diptères. *Annales de la Société Entomologique de France*, Série 2, 1, 59–63. [3 May]
[Mentioned as published at the 3 May meeting of the Société Entomologique de France]
- Macquart, P.-J.-M. (1844) *Diptères exotiques nouveaux ou peu connus. Tome deuxième.—3^e partie. “1843”*. Roret, Paris, 304 pp., 36 pls. [February]

- [The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1842, 162–460 came out on 5 August; see Evenhuis (1997: 513) for dating.]
<http://dx.doi.org/10.5962/bhl.title.15792>
- Macquart, P.-J.-M. (1845a) Nouvelles observations sur les insectes diptères de la tribu des tachinaires [part]. *Annales de la Société Entomologique de France*, Série 2, 3, 237–280. [22 October]
 [Mentioned as published at the 22 October meeting of the Société Entomologique de France; the remaining pages of this article (pp. 281–296) came out on 22 December.]
- Macquart, P.-J.-M. (1845b) Nouvelles observations sur les insectes diptères de la tribu des tachinaires [concl.]. *Annales de la Société Entomologique de France*, Série 2, 3, 281–296. [22 December]
 [Mentioned as published at the 22 December meeting of the Société Entomologique de France; the previous pages of this article (pp. 237–280) came out on 22 October.]
- Macquart, P.-J.-M. (1845c) *Tabanus lasiophthalmus*. In: Gay, C., *Atlas de la historia física y política de Chile. Tomo segundo*. E. Thunot y C^o., Paris, pl. 2, fig. 5. [31 December+]
 [Diptera plate 2 issued in 1845. Dated from Blanchard (1854: 361).]
<http://dx.doi.org/10.5962/bhl.title.16172>
- Macquart, P.-J.-M. (1846) Diptères exotiques nouveaux ou peu connus. Supplément. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1844, 133–364, 20 pls. [22 July]
 [Dated from Evenhuis (1997: 514); the reprinted version, N.E. Roret, Paris, pp. 5–238, 20 pls, came out on 7 November.]
- Macquart, P.-J.-M. (1847a) *Diptères exotiques nouveaux ou peu connus. 2.^e supplément*. N.E. Roret, Paris, pp. 5–104, 7 pls. [11 September]
 [Date of receipt by the *Bibliographie de la France*; the journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1846, 21–120 came out on 25 December.]
<http://dx.doi.org/10.5962/bhl.title.15792>
- Macquart, P.-J.-M. (1847b) [Livraison 18. Diptères, planches 1–6]. In: Lucas, H., *Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842 publiée par ordre du gouvernement et avec le concours d'une Commission Académique. Zoologie. Sciences Physiques. Histoire naturelle des animaux articulés. Troisième partie. Insectes*. Arthus Bertrand, Paris, 527 pp. [before 15 November]
 [For dating, see Evenhuis (2012c).]
- Macquart, P.-J.-M. (1848a) Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (suite). *Annales de la Société Entomologique de France*, Série 2, 6, 85–138. [27 September]
 [Mentioned as published at 27 September meeting of the Société Entomologique de France. A footnote to the first page of this article says it is a continuation of Macquart (1845a, b) but it has a slightly different title. For further articles in this series, see Macquart (1854b, e, 1855a).]
- Macquart, P.-J.-M. (1848b) Diptères exotiques nouveaux ou peu connus. Suite du 2.^{me} supplément. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1847 (2), 161–237, 7 pls. [22 November]
 [See Evenhuis (1997: 514) for dating. The reprinted version, N.E. Roret, Paris, 77 pp., 7 pls, came out simultaneously. For purposes of priority with regard to proposal of new names, we list the journal pages first in this work.]
- Macquart, P.-J.-M. (1848c) Conférence sur les applications de la zoologie à l'agriculture. Insectes nuisibles. *Société des Sciences, de l'Agriculture et des Arts, de Lille. Publications Agricoles*, 7, 170–195. [31 December+]
- Macquart, P.-J.-M. (1849a) [Livraisons 28–30] Huitième ordre. Les diptères. In: Lucas, H., *Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842 publiée par ordre du gouvernement et avec le concours d'une Commission Académique. Zoologie. Sciences Physiques. Histoire naturelle des animaux articulés. Troisième partie. Insectes*. Arthus Bertrand, Paris, pp. 414–503. [21 April–13 June]
 [For dating, see Evenhuis (2012c).]
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[Dated from Evenhuis (2008b).]

APPENDIX I. Explanations for New Synonymies Listed in the REMARKS and EMENDATIONS Sections.

Atractea Agassiz, 1846b: 40.

CURRENT STATUS: Unjustified emendation of *Atractia* Macquart, 1838c; junior synonym of *Atractia* Macquart, 1838c. **New synonymy.**

FAMILY: ASILIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted.

Aulacocephala Brauer, 1863: 168.

CURRENT STATUS: Unjustified emendation of *Aulacephala* Macquart, 1851b; junior synonym of *Aulacephala* Macquart, 1851b. **New synonymy.**

FAMILY: ASILIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted. Brauer (1863) apparently had the manuscript of Gerstaecker (1864) in hand and cited Gerstaecker's use of the same spelling, but Brauer (1863) was published a few months earlier than Gerstaecker's paper, which was published in the last Heft of the *Verhandlungen der k.-k. Zoologisch-Botanischen Gesellschaft in Wien* and did not appear until June 1864.

Craspedochaeta Marshall, 1873: 326.

CURRENT STATUS: Unjustified emendation of *Craspedochaeta* Macquart, 1851b; junior synonym of *Anthomyia* Meigen, 1803. **New synonymy.**

FAMILY: ANTHOMYIIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes from "choet" to "chaet" in the same work. *Craspedochaeta* Macquart, 1851b is currently treated as a junior synonym of *Anthomyia* Meigen, 1803 [teste Dely-Draskovits (1993: 20)].

Cyrtonevra Agassiz, 1846b: 108.

CURRENT STATUS: Unjustified emendation of *Curtonevra* Macquart, 1834b; junior synonym of *Graphomya* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: MUSCIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted. *Curtonevra* Macquart, 1834b is currently treated as a junior synonym of *Graphomya* Robineau-Desvoidy, 1830 [teste Pont (1986: 162)].

Echinomyia Fischer von Waldheim, 1808: [59].

CURRENT STATUS: Unjustified emendation of *Echinomya* Latreille, 1805; junior synonym of *Tachina* Meigen, 1803. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes from "mya" to "myia" in the same work. *Echinomya* Latreille, 1805 is currently treated as a junior synonym of *Tachina* Meigen, 1803 [teste O'Hara *et al.* (2009: 175)].

Himatisma Agassiz, 1846b: 182.

CURRENT STATUS: Unjustified emendation of *Imatisma* Macquart, 1842c; junior synonym of *Mallota* Meigen, 1822. **New synonymy.**

FAMILY: SYRPHIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted. *Imatisma* Macquart, 1842c is currently treated as a junior synonym of *Mallota* Meigen, 1822 [teste Knutson *et al.* (1975: 354)].

Homalocephala Agassiz, 1846b: 184.

CURRENT STATUS: Unjustified emendation of *Omalcephala* Macquart, 1844; junior synonym of *Setellia* Robineau-Desvoidy, 1830. **New synonymy.**

FAMILY: RICHARDIIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted. *Omalcephala* Macquart, 1844 is currently treated as a junior synonym of *Setellia* Robineau-Desvoidy, 1830 [*teste* Steyskal (1968a: 11)].

Microphorus **Lundbeck, 1907: 189.**

CURRENT STATUS: Unjustified emendation of *Microphor* Macquart, 1828; junior synonym of *Microphor* Macquart, 1828. **New synonymy.**

FAMILY: DOLICHOPODIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted.

Ornithomyia **Fischer von Waldheim, 1808: [59].**

CURRENT STATUS: Unjustified emendation of *Ornithomya* Latreille, 1802; junior synonym of *Ornithomya* Latreille, 1802. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes from “mya” to “myia” in the same work.

Orthochile **Westwood, 1840: 135.**

CURRENT STATUS: Unjustified emendation of *Ortochile* Latreille, 1809; junior synonym of *Ortochile* Latreille, 1809. **New synonymy.**

FAMILY: DOLICHOPODIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “t” to “th” in the same work.

Pachyrrhina **Osten Sacken, 1878: 39.**

CURRENT STATUS: Unjustified emendation of *Pachyrrhina* Macquart, 1834a; junior synonym of *Nephrotoma* Meigen, 1803. **New synonymy.**

FAMILY: TIPULIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted. *Pachyrrhina* Macquart, 1834a is currently treated as a junior synonym of *Nephrotoma* Meigen, 1803 [*teste* Oosterbroek & Theowald (1992: 69)].

Physogenia **Loew, 1862: 9.**

CURRENT STATUS: Unjustified emendation of *Physegenia* Macquart, 1848b; junior synonym of *Physegenia* Macquart, 1848b. **New synonymy.**

FAMILY: LAUXANIIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings appearing together in the same work and the changed spelling being adopted. Previous workers have treated this name as an incorrect subsequent spelling of *Physegenia* Macquart, 1848b [e.g., Verrall *in* Scudder (1882: 263)] or were undecided as to whether it was an emendation or an incorrect subsequent spelling without an authorship attribution [e.g., Shewell (1965: 702)]. A recheck of Loew (1862: 9) shows that he intentionally emended the Macquart name in that work.

Physogenia **Giglio-Tos, 1895: 49.**

CURRENT STATUS: Unjustified emendation of *Physegenia* Macquart, 1848b; junior synonym of *Physegenia* Macquart, 1848b. **New synonymy.**

FAMILY: LAUXANIIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings appearing together in the same work and the changed spelling being adopted.

Plesioneura **Schiner, 1862: 545.**

CURRENT STATUS: Unjustified emendation of *Plesionevra* Macquart, 1855b; junior synonym of *Microsoma* Macquart, 1855b. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of similar spelling changes in two or more names from “nevra” to “neura” in the same work.

Scathopse **Guérin-Méneville, 1839: [unnumbered page of errata]**

CURRENT STATUS: Unjustified emendation of *Scatopse* Geoffroy, 1762; junior synonym of *Scatopse* Geoffroy, 1762. **New synonymy.**

FAMILY: SCATOPSIDAE.

REMARKS: Name made available by virtue of the original and changed spellings appearing together in the same work and the changed spelling being adopted.

Stenopteryx **Schiner, 1864: 647.**

CURRENT STATUS: Unjustified emendation of *Stenepeteryx* Leach, 1817. **New synonymy.**

FAMILY: HIPPOBOSCIDAE.

REMARKS: Name made available by virtue of the original and changed spellings appearing together in the same work and the changed spelling being adopted. *Stenepeteryx* Leach, 1817 is currently treated as a valid genus [*teste* Soós & Hůrka (1986: 219)].

Stenostoma **Mik, 1890: 155.**

CURRENT STATUS: Unjustified emendation of *Senostoma* Macquart, 1847a; junior synonym of *Senostoma* Macquart, 1847a. **New synonymy.**

FAMILY: TACHINIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted.

Taenioptera **Mik, 1898: 197.**

CURRENT STATUS: Unjustified emendation of *Taeniaptera* Macquart, 1835b; junior synonym of *Taeniaptera* Macquart, 1835b. **New synonymy.**

FAMILY: MICROPEZIDAE.

REMARKS: Name made available as an emendation by virtue of the original and changed spellings being printed in the same work and the changed spelling being adopted. Mik did so by stating that Macquart had errantly written the name (“Macquart schreibt fälschlich *Taeniaptera*”) and stated (incorrectly) that Verrall *in* Scudder had emended it to *Taenioptera*. Mik (1898: 197) adopted the changed spelling in the narrative of his article. By doing so, Mik fulfilled the criteria for making the name available as an emendation by citing both the original and changed spellings and adopting the changed spelling.

APPENDIX II. Complete Bibliography of Pierre-Justin-Marie Macquart.

[Although born “Pierre-Justin-Marie”, Macquart only used the initial “J” (for “Justin”) in his writings.]

1807

1. [Observations sur les sauterelles, traduites de l’italien du comte Zizanni de Ravenne, suivies d’une dissertation sur le même sujet, publiée à Venise en 1737.] *Séances Publiques de la Société d’Amateurs des Sciences et des Arts de la Ville de Lille*, 2, 15–16. [31 December+]

1811

2. Mémoire sur les plantations dans le département du Nord. *Séances Publiques de la Société d’Amateurs des Sciences et des Arts de la Ville de Lille*, 4, 116–131. [31 December+]

1819

3. Généralités sur les orthoptères, nevroptères et hémiptères. *Séances Publiques de la Société d’Amateurs des Sciences et des Arts de la Ville de Lille*, 5, 53–57. [31 December+]
4. Notice nécrologique de M. Lemaire. *Séances Publiques de la Société d’Amateurs des Sciences et des Arts de la Ville de Lille*, 5, 70. [31 December+]
5. Notice nécrologique de M. Lefebvre. *Séances Publiques de la Société d’Amateurs des Sciences et des Arts de la Ville de Lille*, 5, 70. [31 December+]
6. Notice sue les insectes hémiptères du genre psylle. *Séances Publiques de la Société d’Amateurs des Sciences et des Arts de la Ville de Lille*, 5, 81–86. [31 December+]

1823

7. [Note: Extrait du rapport annuel de la commission d'histoire naturelle.] *Recueil des Travaux de la Société d'Amateurs des Sciences, de l'Agriculture et des Arts à Lille*, 1819–1822, 129–130. [after 9 September]
[Latest date printed in the volume.]
8. Monographie des insectes diptères de la famille des empides, observés dans le nord-ouest de la France. *Recueil des Travaux de la Société d'Amateurs des Sciences, de l'Agriculture et des Arts à Lille*, 1819–1822, 137–165. [after 9 September]
[Latest date printed in the volume.]

1826

9. Insectes diptères du Nord de la France. [Tome I.] Tipulaires. *Recueil des Travaux de la Société d'Amateurs des Sciences, de l'Agriculture et des Arts à Lille*, 1823/1824, 59–224, 4 pls. [31 August]
[Date of meeting of the Académie de la Société Royale d'Arras where Macquart presented a copy. The reprinted version, De Leleux, Paris, 175 pp., came out simultaneously. For dating see Evenhuis (1997: 510).]
10. Insectes diptères du Nord de la France. [Tome II.] Asiliques, bombyliers, xylotomes, leptides, stratiomydes, xylophagites et tabaniens. *Recueil des Travaux de la Société d'Amateurs des Sciences, de l'Agriculture et des Arts à Lille*, 1825, 324–499. [11 November]
[The reprinted version, L. Danel, Lille, 178 pp., came out simultaneously. For dating see Evenhuis (1997: 510).]

1828

11. *Insectes diptères du Nord de la France. [Tome III]. Platypézines, dolichopodes, empides, hybotides. "1827".* L. Danel, Lille, 159 pp., 4 pls. [19 May]
[Dated from Evenhuis (1997: 510). Based on receipts at libraries and recording journals, the journal version, *Recueil des Travaux de la Société d'Amateurs des Sciences, de l'Agriculture et des Arts à Lille*, 1826/1827, 213–296, is treated as appearing later than the reprinted version. Pages 1–76 of the reprint version are equal to pages 213–288 of the journal version. Pages 77–149 of the reprint are a revised version of Macquart (1823, pp. 137–165) and do not appear in the 1828 journal version.]
12. Insectes diptères du Nord de la France. Platypézines, dolichopodes, empides, hybotides. *Recueil des Travaux de la Société d'Amateurs des Sciences, de l'Agriculture et des Arts à Lille*, 1826/1827, 213–296. [31 December+]

1829

13. *Insectes diptères du Nord de la France. [Tome IV]. Syrphies.* L. Danel, Lille, 223 pp., 4 pls. [28 September]
[Dated from Evenhuis (1997: 510). Based on receipts at libraries and recording journals, the journal version, *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts à Lille*, 1827/1828, 149–371, is treated as appearing later than the reprinted version.]

1831

14. Notice sur la nymphe de la panorpe. *Annales des Sciences Naturelles*, 22, 463–465. [March]
15. Sur une espèce particulière de puce. *Annales des Sciences Naturelles*, 22, 465–467. [March]
16. Sur un puceron du blé. *Annales des Sciences Naturelles*, 22, 468. [March]
17. Sur un insecte coléoptère qui dévore les betteraves. *Annales des Sciences Naturelles*, 23, 93–95. [May]

1834

18. *Histoire naturelle des insectes. Diptères. Tome premier.* N.E. Roret, Paris, 578 pp. [31 March]
[Dated from Evenhuis (1997: 512).]
19. *Insectes diptères du Nord de la France. Tome V. Athéricères: créophiles, oestrides, myopaires, conopsaires, scénopiniens, céphalopsides.* L. Danel, Lille, 232 pp. [21 July]
[The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille* 1833: 137–368 came out in October; see Evenhuis (1997: 510) for dating.]
20. Notice sur un effet de la neige. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1833, 87–89. [31 July]
[Dated from *Bibliographie de la France*.]
21. Hommage à la mémoire de M. Latreille, de l'Académie des Sciences. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1833, 460–463. [31 July]
[Dated from *Bibliographie de la France*.]

1835

22. Description d'un nouveau genre d'insectes diptères de la famille des notacanthes. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1834, 504–509. [16 January]
[Dated from *Bibliographie de la France*.]
23. *Histoire naturelle des insectes. Diptères. Tome deuxième.* N.E. Roret, Paris, 703 pp. [February]

[Dated from its review in the *Bulletin Bibliographique des Ouvrages Publiés en France sur les Sciences*, 1835. Two versions of this work appeared. The original has a two-page errata. A subsequent printing (*vide infra*) included a revised six-page errata but otherwise no change in text.]

24. *Histoire naturelle des insectes. Diptères. Tome deuxième*. N.E. Roret, Paris. 710 pp. [31 December+]
[This is the second printing of this work, which includes a revised six-page errata but otherwise no change in text.]

1836

25. Note sur l'apparition du Sphinx du laurier-rose en 1835. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1835, 183–187. [16 January]
[Dated from *Bibliographie de la France*.]
26. Description d'un nouveau genre d'insectes diptères de la famille des créophiles, tribu des tachinaires. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1835, 188–191. [16 January]
[Dated from *Bibliographie de la France*.]
27. Rapport sur l'impôt à établir sur le sucre indigène. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1835, 258–280. [by Dambricourt, A.B., Macquart, P.-J.-M., Hautrive, A., Davaine, C. & Lestiboudis, T., 16 January]
[Dated from *Bibliographie de la France*.]
28. Description d'un nouveau genre d'insectes diptères de la famille des tanystomes. *Annales de la Société Entomologique de France*, 5, 517–520. [31 October]
[Dated from *Comptes Rendus Hebdomadaires de l'Académie des Sciences, Bulletin Bibliographique*.]
29. Quelles sont les mœurs des animaux invertébrés? *Congrès Scientifique de France*, 13, 431–439. [before November]
[Reprinted in 1836 in the November issue of *Revue du Nord*, 6, 269–276.]
30. [Note: Une intéressante notice sur la 9e. question : « Quelles sont les mœurs des animaux invertébrés. »]. *Congrès Scientifique de France*, 13, 55. [before November]
[Reprinted in 1836 in the November issue of *Revue du Nord*, 6, 269–276.]

1838

31. Notice sur le genre Pangonie. *Annales de la Société Entomologique de France*, 6 [1837], 429–438. [January]
[Dated from *Comptes Rendus Hebdomadaires de l'Académie des Sciences, Bulletin Bibliographique*.]
32. *Diptères exotiques nouveaux ou peu connus. Tome premier.—1^{re} partie*. Roret, Paris, pp. 5–221, 25 pls. [17 September]
[The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1838 (2), 9–225 came out on 27 October; see Evenhuis (1997: 512) for dating.]
33. *Diptères exotiques nouveaux ou peu connus. Tome premier.—2^e partie*. N.E. Roret, Paris, 207 pp., 14 pls. [3 October]
[The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1838 (3), 121–323 came out on 18 December; see Evenhuis (1997: 512) for dating.]
34. Notice sur trois diptères nouveaux des genres *Medeterus* et *Scatophaga*. *Annales de la Société Entomologique de France*, 7, 421–424. [November]
[Dated from C.D. Sherborn MS notes, *in litt.*]
35. Notice sur un nouveau genre de diptères de la famille des dolichopodes. *Annales de la Société Entomologique de France*, 7, 425–427. [November]
[Dated from C.D. Sherborn MS notes, *in litt.*]
36. Lonchopterines. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome quinzième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 45. [31 December+]

1839

37. Diptères. In: Webb, P.B. & Berthelot, S. (Ed.), *Histoire naturelle des Iles Canaries. Tome deuxième. Deuxième partie. Contenant la zoologie*. Béthune, Paris, plate 4 [= Livraison 42]. [16 September]
[Dated from Evenhuis (1997: 806). Plate 4, containing the Diptera, was issued in livraison 42, which was published on 16 September 1839. The text in livraison 44 was published on 28 October 1839. Names of new taxa made available on the plate have priority here.]
38. Diptères. In: Webb, P.B. & Berthelot, S., *Histoire naturelle des Iles Canaries. Tome deuxième. Deuxième partie. Contenant la zoologie*. Béthune, Paris, pp. 97–119 [= Livraison 44]. [28 October]
[The entire livraison 44 contained pp. 89–119. Dated from Evenhuis (1997: 806). Plate 4, containing the Diptera, was issued in livraison 42, which was published on 16 September 1839.]
39. Diptères exotiques nouveaux ou peu connus. Tome premier.—2^e partie. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1838 (3), 121–323. [18 December]
[This is the journal version of Macquart (1838c); date of receipt by *Journal des Savants*.]

1840

40. *Diptères exotiques nouveaux ou peu connus. Tome deuxième.—1^{re} partie*. N.E. Roret, Paris, 135 pp., 21 pls. [31

December+]

[There is no dating evidence for the issuance of this separate aside from the “1840” on the title page.]

41. Notice sur les insectes diptères qui nuisent aux céréales dans l'état de végétation. *Bulletin de la Société Linnéenne du Nord de la France*, 1 (3), 143–147. [31 December+]
42. Nouvelle notice sur les insectes diptères qui nuisent aux céréales dans l'état de végétation. *Bulletin de la Société Linnéenne du Nord de la France*, 1 (3), 332–338. [31 December+]

1841

43. Diptères exotiques nouveaux ou peu connus. Tome deuxième.—1^{re} partie. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1840, 283–413. [7 April]
[This is the journal version of Macquart (1840a); see Evenhuis (1997: 513) for dating.]

1842

44. [Note: Description d'un nouveau genre de l'ordre des diptères. (G. *Exochostoma*, Macq.).] *Annales de la Société Entomologique de France*, 10, lix. [January]
[Dated from C.D. Sherborn MS notes, *in litt.*]
45. Description d'un nouveau genre d'insectes diptères. *Annales de la Société Entomologique de France*, 11, 41–44. [May]
[Dated from wrapper on copy in Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, USA.]
46. [Note: Observations sur un mémoire et une notice de M. Robineau-Desvoidy, insérés dans les Annales de la Société entomologique de France, 1841, 4^e trimestre. *Annales de la Société Entomologique de France*, 11, xix. [May]
[Dated from wrapper on copy in Museum of Comparative Zoology Harvard University, Cambridge, Massachusetts, USA.]
47. Observations sur un mémoire et une notice de M. Robineau-Desvoidy, insérés dans les Annales de la Société entomologique de France, 1841, 4^e trimestre. *Annales de la Société Entomologique de France*, 11, 165–171. [5 October]
[Mentioned as published at the 5 October meeting of the Société Entomologique de France.]
48. *Diptères exotiques nouveaux ou peu connus. Tome deuxième.—2^e partie.* N.E. Roret, Paris, 140 pp., 22 pls. [12 December]
[The journal version, dated “1842” in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1841(1), 65–200, is treated here as appearing later than the reprinted version; see Evenhuis (1997: 513) for dating.]
49. Tipulaire. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-quatrième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 88–89. [31 December+]
50. Tipule. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-quatrième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 89. [31 December+]

1843

51. Muscides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome seizième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 646–647. [1 May]
52. Mycetophilides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome seizième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 673. [1 May]
53. Mydasies. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome seizième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 674. [1 May]
54. Myopaires. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome seizième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 679. [1 May]
55. Description d'un nouveau genre d'insectes diptères. *Annales de la Société Entomologique de France*, Series 2, 1, 59–63. [3 May]
[Mentioned as published at the 3 May meeting of the Société Entomologique de France.]
56. Bibion. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome cinquième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 383–384. [before 29 July]
[Date of second part of this volume.]
57. Bombyle. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome cinquième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 613–614. [29 July]
[Date of receipt by *Bibliographie de la France*.]
58. Syrphides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-troisième.* Bureau de l'Encyclopédie du XIX^e Siècle,

Paris, pp. 241–242. [23 December]

[Date of receipt by *Bibliographie de la France*.]

59. Tabaniens. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-troisième*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 273–275. [23 December]
[Date of receipt by *Bibliographie de la France*.]
60. Tachinaires. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-troisième*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 292–293. [23 December]
[Date of receipt by *Bibliographie de la France*.]
61. Tephritides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-troisième*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 528–529. [23 December]
[Date of receipt by *Bibliographie de la France*.]

1844

62. *Diptères exotiques nouveaux ou peu connus. Tome deuxième.—3^e partie. “1843”*. Roret, Paris, 304 pp., 36 pls. [February]
[The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1842, 162–460 came out on 5 August; see Evenhuis (1997: 513) for dating.]
63. Stratiomyes. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-deuxième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 784–785. [11 May]
[Date of receipt by *Bibliographie de la France*.]
64. Nouvelles observations sur l'insecte diptère formant le type du genre blépharicère. *Annales de la Société Entomologique de France*, Série 2, 2, 69–72. [5 June]
[Mentioned as published at the 5 June meeting of the Société Entomologique de France.]
65. [Note: Dans un paquet d'orge qui lui à été adressé par M. Herpin il a trouvé deux espèces du genre *Chlorops*, l'une qui été décrite par M. Guérin-Ménéville et l'autre qui est le *Chlorops carnuta*. Il a rencontré également dans le même paquet d'orge une nouvelle espèce appartenant au genre *Chamarota*]. *Annales de la Société Entomologique de France*, Série 2, 2, lxxxvii. [5 June]
[Mentioned as published at the 5 June meeting of the Société Entomologique de France.]
66. Notice sur les différences sexuelles des diptères du genre *Dolichopus*, tirées des nervures des ailes. *Annales de la Société Entomologique de France*, Série 2, 2, 177–186. [14 August]
[Mentioned as published at the 14 August meeting of the Société Entomologique de France.]
67. Cecidomyes. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome sixième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 699–700. [8 October]
[Date of receipt by *Bibliographie de la France*.]
68. Scenopines. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-deuxième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 85. [30 November]
[Date of receipt by *Bibliographie de la France*.]
69. Sepsides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-deuxième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 281. [30 November]
[Date of receipt by *Bibliographie de la France*.]

1845

70. Sarcophagiens. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome vingt-unième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 703. [27 September]
[Date of receipt by *Bibliographie de la France*.]
71. Nouvelles observations sur les insectes diptères de la tribu des tachinaires [part]. *Annales de la Société Entomologique de France*, Série 2, 3, 237–280. [22 October]
[Mentioned as published at the 22 October meeting of the Société Entomologique de France; the remaining pages of this article (pp. 281–296) came out on 22 December.]
72. Nouvelles observations sur les insectes diptères de la tribu des tachinaires [concl.]. *Annales de la Société Entomologique de France*, Série 2, 3, 281–296. [22 December]
[Mentioned as published at the 22 December meeting of the Société Entomologique de France; the previous pages of this article (pp. 237–280) came out on 22 October.]

1846

73. Diptères exotiques nouveaux ou peu connus. Supplément. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1844, 133–364, 20 pls. [22 July]
[Dated from Evenhuis (1997: 514); the reprinted version, N.E. Roret, Paris, 238 pp., 20 pls, came out on 7 November.]
74. *Conops*. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome huitième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 473–474. [31 October]
[Date of receipt by *Bibliographie de la France*.]
75. *Coriacès*. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome neuvième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 763–765. [31 October]
[Date of receipt by *Bibliographie de la France*.]

1847

76. *Diptères exotiques nouveaux ou peu connus. 2.^e supplément*. N.E. Roret, Paris, pp. 5–104, 7 pls. [11 September]
[Date of receipt by the *Bibliographie de la France*; the journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1846, 21–120 came out on 25 December; see Evenhuis (1997: 514) for dating.]
77. Observations sur une notice de M. le docteur Robineau-Desvoidy intitulée Coup d'oeil rétrospectif, &. *Annales de la Société Entomologique de France*, Series 2, 5, 71–82. [26 May]
[Mentioned as published at the 26 May meeting of the Société Entomologique de France.]
78. Notice nécrologique sur Meigen. *Annales de la Société Entomologique de France*, Series 2, 5, 323–334. [25 August]
[Mentioned as published at the 25 August meeting of the Société Entomologique de France.]
79. [Note: Relativement à certaines larves de coleoptères qui sont très nuisibles à l'agriculture dans le Nord de la France; il parle principalement de celles de l'*Elater segetis*, de l'*Altica oleracea*, ainsi que d'insectes parfaits appartenant au groupe des cryptophages]. *Annales de la Société Entomologique de France*, 5, xlv. [25 August]
[Mentioned as published at 25 August meeting of the Société Entomologique de France.]
80. [Note: Une boîte contenant plusieurs *Cryptophagus* qui dévorent les champs de betteraves aux environs de Lille, au point que les cultivateurs sont souvent obligés de remettre la charrue dans les champs et de ressemer. *Annales de la Société Entomologique de France*, 5, 1. [25 August]
[Mentioned as published at 25 August meeting of the Société Entomologique de France.]
81. *Dasypogon*. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome neuvième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 574. [2 October]
[Date of receipt by *Bibliographie de la France*.]
82. [Livraison 18. Diptères, planches 1–6]. In: Lucas, H., *Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842 publiée par ordre du gouvernement et avec le concours d'une Commission Académique. Zoologie. Sciences Physiques. Histoire naturelle des animaux articulés. Troisième partie. Insectes*. Arthus Bertrand, Paris. [before 15 November 1847]
[For dating, see Evenhuis (2012c).]
83. [Note: Un rapport sur les insectes nuisibles à la betterave]. *Annales de la Société Entomologique de France*, 5, lxxxi. [24 November]
[Mentioned as published at the 24 November meeting of the Société Entomologique de France.]
84. [Discours d'usage de la distribution solennelle des prix.] *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1847 (1), 5–9. [31 December+]

1848

85. Diptères. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome dixième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 271–276. [11 March]
[Date of second part of this volume.]
86. Dolichopodides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome dixième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 380–381. [11 March]
[Date of second part of this volume.]
87. Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (suite). *Annales de la Société Entomologique de France*, Série 2, 6, 85–138. [27 September]
[Mentioned as published at 27 September meeting of Soc. Ent. Fr.]
88. Diptères exotiques nouveaux ou peu connus. Suite du 2.^{me} supplément. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1847 (2), 161–237, 7 pls. [22 November]
[See Evenhuis (1997: 514) for dating. The reprinted version, N.E. Roret, Paris, 77 pp., 7 pls, came out simultaneously. For purposes of priority with regard to proposal of new names, we list the journal pages first in this work.]

89. Distribution solennelle des prix. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1847 (2), 366–371. [22 November]
 90. Discours d'ouverture des conférences agricoles. *Société des Sciences, de l'Agriculture et des Arts, de Lille. Publications Agricoles*, 7, 165–169. [31 December+]
 91. Conférence sur les applications de la zoologie à l'agriculture. Insectes nuisibles. *Société des Sciences, de l'Agriculture et des Arts, de Lille. Publications Agricoles*, 7, 170–195. [31 December+]
- 1849
92. [Livraisons 28–30] Huitième ordre. Les diptères. In: Lucas, H., *Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842 publiée par ordre du gouvernement et avec le concours d'une Commission Académique. Zoologie. Sciences Physiques. Histoire naturelle des animaux articulés. Troisième partie. Insectes*. Arthus Bertrand, Paris, pp. 414–503. [21 April–13 June]
[Dated from Evenhuis (2012c).]
 93. Notice sur une nouvelle espèce de gallinsecte. *Annales de la Société Entomologique de France*, Série 2, 7, 49–50. [11 July]
[Mentioned as published at 11 July meeting of Soc. Ent. Fr.]
 94. *Facultés intérieures des animaux invertébrés*. “1850”. Roret, Paris, lxxxii + 272 pp. [26 December]
[Date presented by Macquart to the Société Entomologique de France.]
 95. *Facultés intérieures des animaux invertébrés*. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1848, 129–400. [27 December]
[Date of receipt by *Bibliographie de la France*.]
- 1850
96. Notacanthès. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome dix-septième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 280–281. [before 9 February]
[Date of second part of this volume.]
 97. Oestridentes. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome dix-septième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 489–491. [9 February]
[Date of receipt by *Bibliographie de la France*.]
 98. Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (suite). *Annales de la Société Entomologique de France*, Série 2, 7[1849], 353–418. [February]
[Dated from C.D. Sherborn MS notes, *in litt.*]
 99. Empidès. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome onzième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 460–461. [24 May]
[Date of receipt by *Bibliographie de la France*.]
 100. Entomocères. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome onzième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 627. [24 May]
[Date of receipt by *Bibliographie de la France*.]
 101. Diptères exotiques nouveaux ou peu connus. 4.^e supplément. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1849, 309–479, pls 1–14. [6 July]
[Dated from Evenhuis (1997: 514). The reprinted version, pp. 5–160, was published as part of Macquart (1851c).]
 102. *Catalogue du Musée d'Histoire Naturelle de Lille. Tome second. Animaux invertébrés*. L. Danel, Lille, 639 pp. [after 22 November]
[Date the manuscript was presented to the Société Nationale des Sciences, de l'Agriculture et des Arts de Lille.]
 103. Conférence sur les applications de l'entomologie à l'agriculture. 2.^{me} partie. Insectes parasites des bestiaux. *Société des Sciences, de l'Agriculture et des Arts, de Lille. Publications Agricoles*, 8, 101–116. [31 December+]
- 1851
104. Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (suite). *Annales de la Société Entomologique de France*, Série 2, 8 [1850], 419–492. [January]
[Dated from C.D. Sherborn MS notes, *in litt.*]
 105. [Correspondence: ... qu'il secondera de son mieux l'intention de la Société de former des collections de tous ordres des diptères, heureux de trouver une occasion de lui donner un témoignage de dévouement et de reconnaissance]. *Annales de la Société Entomologique de France*, Série 2, 8 [1850], 419–492. [January]
[Dated from C.D. Sherborn MS notes, *in litt.*]
 106. Diptères exotiques nouveaux ou peu connus. Suite du 4.^e supplément publié dans les mémoires de 1849. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1850, 134–294, pls. 15–28. [5 April]
[Dated from Evenhuis (1997: 514); the reprinted version, pp. 161–336, was published later.]

107. *Diptères exotiques nouveaux ou peu connus. 4.^e supplément*. N.E. Roret, Paris, 360 pp. (pp. 5–364), pls. 1–28. [31 December+]
[This reprinted version comprises both the 4^e supplément (Macquart 1850) and suite du 4^e supplément (Macquart 1851b) and contains an index (pp. 337–364) to taxa published in previous parts that is not found in the journal version. See Evenhuis (1997: 514) for further details.]
108. Geomyzides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome treizième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 465. [31 December+]
109. Compte rendu de la session du Congrès Central d'Agriculture de 1850. *Société des Sciences, de l'Agriculture et des Arts, de Lille. Publications Agricoles*, 10, 21–63. [31 December+]

1852

110. *Les arbres et arbrisseaux d'Europe et leurs insectes*. Danel, Lille, 362 pp. (pp. 5–366). [19 June]
[Also published simultaneously in journal form, in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, Lille*, 1851, 174–530. Dated from *Bibliographie de la France*.]
111. Notice sur un nouveau genre de diptères de la famille des pupipares, tribu des phthiromydes, sous le nom de *Megistopoda* (*M. pilatei*). *Annales de la Société Entomologique de France*, Série 2, 10, 331–333. [August]
[Dated from C.D. Sherborn MS notes, *in litt.*]
112. [Note: Notice sur un nouveau genre de diptères de la famille des pupipares, tribu des phthiromydes, sous le nom de *Megistopoda*]. *Annales de la Société Entomologique de France*, Série 2, 10, xxvi. [August]
[Dated from C.D. Sherborn MS notes, *in litt.*]
113. Heteromyzides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome quatorzième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 50–51. [31 December+]
114. Hybotides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome quatorzième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 203. [31 December+]
115. Hydromyzides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome quatorzième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 223. [31 December+]
116. Hypocères. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome quatorzième [part 1]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 246–247. [31 December+]
117. Lauxanides. In: Saint-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Tome quatorzième [part 2]*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 959. [31 December+]

1853

118. [Note: Description d'une nouvelle espèce d'aricie, diptère de la tribu des anthomyzides, et qu'il nomme *Aricia pici*]. *Annales de la Société Entomologique de France*, Série 3, 1, xxxix. [14 September]
[Dated from C.D. Sherborn MS notes, *in litt.*]
119. Leptides. In: St.-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Supplément*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, p. 558. [31 December+]
120. Leptopudites. In: St.-Priest, A. de (Ed.), *Encyclopédie du dix-neuvième siècle: répertoire universel des sciences, des lettres et des arts, avec la biographie des hommes célèbres. Supplément*. Bureau de l'Encyclopédie du XIX^e Siècle, Paris, pp. 558–559. [31 December+]

1854

121. Notice sur une nouvelle espèce d'Aricie, diptère de la tribu des anthomyzides. *Annales de la Société Entomologique de France*, Série 3, 1 [1853], 655–660. [26 April]
[Dated from C.D. Sherborn MS notes, *in litt.*]
122. [Note: Description de plusieurs genres nouveaux de diptères de l'Océanie]. *Annales de la Société Entomologique de France*, Série 3 [1853], 1, lxxi. [26 April]
123. *Mémoire sur les harmonies entomologiques, lu en séance générale du Congrès Scientifique de France*. Brissy, Arras, France, 36 pp. [3 June]
[Date of receipt by *Bibliographie de la France*.]
124. *Mémoire sur les insectes nuisibles à l'agriculture*. Brissy, Arras, France, 25 pp. [5 August]
[Date of receipt by *Bibliographie de la France*; this is the reprint version that appeared a month later in the *Congrès Scientifique de France*, q.v.]

125. [Note: Une mémoire sur la 7^e question des sciences naturelles relative à l'harmonie que présentent les insectes]. *Congrès Scientifique de France*, 20 (1), 36. [9 September]
 126. Sur les insectes lignivores. *Congrès Scientifique de France*, 20 (1), 325–327. [9 September]
 127. Mémoire sur les insectes nuisibles à l'agriculture. *Congrès Scientifique de France*, 20 (1), 362–387. [9 September]
 128. Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (suite). *Annales de la Société Entomologique de France*, Série 3, 2, 373–392. [13 September]
[Dated from C.D. Sherborn MS notes, *in litt.*]
 129. [Correspondence: Annonce qu'il offre à la Société une somme de 150 francs pour hâter l'impression de son travail sur les tachinaires d'Europe]. *Annales de la Société Entomologique de France*, Série 3, 2, xxxiii. [13 September]
 130. Supplément aux arbres et arbrisseaux et leurs insectes. *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1853, 120–156. [23 September]
[Dated from Evenhuis (1997).]
 131. *Les plantes herbacées d'Europe et leurs insectes pour faire suite aux arbres et arbrisseaux d'Europe et leurs insectes. Tome premier*. L. Danel, Lille, pp. 5–231. [23 September]
[Dated from Evenhuis (1997); published simultaneously in journal version, 1854, *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1853, 157–343.]
 132. Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (suite) [concl.]. *Annales de la Société Entomologique de France*, Série 3, 2, 393–446. [30 December]
[Dated from C.D. Sherborn MS notes, *in litt.*]
 133. Description d'un nouveau genre d'insectes diptères. *Annales de la Société d'Agriculture, Sciences, Arts et Commerce de Puy*, 18, 451–456. [31 December+]
[This is a reprinting of Macquart (1843).]
 134. *Trichoprosopus gayi* [plate 4, fig. 11]. In: Gay, C., *Atlas de la historia física y política de Chile. Tomo segundo*. E. Thunot y C^e, Paris, 134 pls. [31 December+]
- 1855
135. Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (suite). *Annales de la Société Entomologique de France*, Série 3, 2[1854], 733–754. [11 April]
[Dated from C.D. Sherborn MS notes, *in litt.*]
 136. *Diptères exotiques nouveaux ou peu connus. 5.^e supplément*. N.E. Roret, Paris, pp. 5–136, 7 pls. [May]
[Research conducted in this study showed that the reprinted version was recorded as published in May in the *Bulletin des Sociétés Savantes, Missions Scientifiques et Littéraires*, 2 (6), 47. The journal version in the *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, (2) 1, 25–156 came out on 18 August; see Evenhuis (1997: 514) for dating of the journal version.]
 137. *Les plantes herbacées d'Europe et leurs insectes, pour faire suite aux arbres et arbrisseaux d'Europe et leurs insectes. Tome second*. L. Danel, Lille, pp. 5–178. [18 June]
[Dated from Evenhuis (1997); the journal version, 1855, *Mémoires de la Société Impériale des Sciences, de l'Agriculture et des Arts, de Lille*, (2) 1, 157–330 came out on 18 August.]
 138. Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (suite). *Annales de la Société Entomologique de France*, Série 3, 3, 21–47. [11 July]
[Dated from C.D. Sherborn MS notes, *in litt.*]
 139. [Note sur la donation de la collection et bibliothèque de Macquart]. *Mémoires de la Société Impériale de Sciences, de l'Agriculture et des Arts, de Lille*, Série 2, 1, 430–432. [18 August]
[Dated from Evenhuis (1997).]
 140. Nouvelles observations sur les diptères d'Europe de la tribu des tachinaires (Fin). *Annales de la Société Entomologique de France*, Série 3, 3, 177–204. [10 October]
[Dated from C.D. Sherborn MS notes, *in litt.*]
 141. Insectes nuisibles à l'agriculture. *Annuaire des Cinq Départements de l'Ancienne Normandie*, 21, 460–486. [31 December+]
- 1856
142. *Les plantes herbacées d'Europe et leurs insectes, pour faire suite aux arbres et arbrisseaux d'Europe et leurs insectes. Tome troisième*. L. Danel, Lille, pp. 5–159. [26 July]
[Dated from Evenhuis (1997); the journal version with the same title, 1856, *Mémoires de la Société Royale des Sciences, de l'Agriculture et des Arts, de Lille*, 1855, 253–407 was published after the reprint.]

APPENDIX III. Correspondence Relating to the Fate of the Macquart Collection in Lille.

Reproduced below is the series of correspondence (in Giard 1880) concerning the neglect and eventual discovery of Macquart's Lille collection and various allegations that transpired.

«Nous recevons de M. C. Dareste, chargé d'un cours à l'École pratique des Hautes Études, autrefois professeur à la Faculté des sciences de Lille, une copie de la lettre suivante que nous nous faisons un plaisir de publier:

MONSIEUR LE MAIRE,

Le Rapport annuel sur le Musée d'histoire naturelle de Lille (1818-1879), rapport publié dans le n° 4 du Bulletin scientifique du département du Nord et des pays voisins, contient les phrases suivantes:

«La collection si précieuse de diptères léguée naguère par Macquart est complètement disparue sous l'administration de nos prédécesseurs, MM. Lacaze-Duthiers et Dareste.

Il ne devait être forcément ainsi.

«Un Musée d'histoire naturelle exige une surveillance de tous les instants que ne peuvent donner les professeurs de la Faculté, etc.

Ainsi, d'après l'auteur du Rapport, la disparition de la collection Macquart serait due à un défaut de surveillance attribuable à deux professeurs de la Faculté, chargés de l'administration du Musée.

Je proteste contre une pareille allégation.

Lorsque j'étais chargé de l'administration du Musée de Lille, j'ai fait donner par les préparateurs de ce Musée, les deux Semet et H. Marin, tous les soins nécessaires à l'entretien et à la conservation de la collection Macquart comme de toutes les autres collections. Si ces soins ont été inutiles, c'est que la collection Macquart était déjà tellement détériorée avant son entrée au Musée, que sa destruction était inévitable.

Je puis m'appuyer ici sur le témoignage de M. de Norguet, membre de la Commission administrative du Musée, qui était parent de Macquart et qui connaissait parfaitement l'état de la collection, avant qu'elle ne fût léguée à la ville. Voici la copie d'une lettre qu'il a bien voulu m'écrire à ce sujet.

Paris, 15 Mai 1879.

CHER MONSIEUR,

Absent de Lille depuis quelque temps, je n'ai pas lu l'article du Bulletin scientifique où il est question de la collection Macquart; mais je ne puis supposer qu'on ait eu l'intention de vous accuser de l'avoir laissé disparaître; car il est certain que cette collection est venue au Musée de Lille dans un état de détérioration qui la vouait à une destruction inévitable. Je l'ai vue moi-même chez Macquart, et je tiens de Semet, préparateur du Musée, quand Macquart est mort, qu'il ne croyait pas possible de la sauver.

Je ne crois donc pas possible d'accuser personne de sa disparition.

Agréez, cher Monsieur, l'assurance de mes sentiments les plus dévoués,

A. DE NORGUET.

Cette lettre ne peut laisser aucun doute; elle met complètement à néant l'allégation contenue dans le Rapport.

J'ai l'honneur de vous prier, M. le Maire, de vouloir bien adresser cette protestation à la Commission administrative du Musée, et d'en ordonner l'insertion dans le registre de ses procès-verbaux. Je suis avec un profond respect, Monsieur le Maire, votre très humble et très obéissant serviteur,

CAMILLE DARESTE.

En prenant il y a un an environ la direction des Collections zoologiques du Muséum d'histoire naturelle de Lille, j'ai cru devoir signaler dans un rapport spécial l'état de ces collections et les desiderata que présente l'organisation de l'Établissement. Je voulais par ces constatations mettre à couvert ma responsabilité pour le passé et pour l'avenir. C'est ainsi que signalant l'état déplorable dans lequel se trouve l'importante collection de diptères léguée par Macquart, j'indiquais comme cause de sa disparition presque complète l'absence d'un conservateur spécial pour notre galerie entomologique et je faisais remonter le mauvais état de cette précieuse série à l'époque où l'administration du Musée était confiée soit à M. Lacaze Duthiers, soit à M. Dareste. C'est qu'en effet j'avais assisté, en 1873, à l'exhumation faite par M. Gosselet des quelques cadres encore garnis de diptères qui se trouvaient alors relégués sous les gradins d'un amphithéâtre à l'abri de la lumière, mais non de la poussière et des insectes ennemis des collections.

J'étais bien loin d'ailleurs d'accuser qui que ce fût; tellement loin que je prédisais pour la collection ornithologique de Degland un sort analogue, si l'on ne se décidait à augmenter un personnel devenu insuffisant, en égard à l'accroissement de nos richesses.

Les conservateurs actuels sont rarement absents de Lille, on ne les voit pas errants par les rues de la capitale à l'affût de toutes les candidatures qui peuvent se produire dans les établissements les plus variés.

Et cependant les collections se détériorent peu à peu malgré des soins persévérants.

Ce n'est donc pas sans un grand étonnement que nous avons lu la lettre que M. Dareste a écrite (après de longues réflexions!) relativement à ce passage de notre rapport qu'il a pris pour une attaque personnelle.

Pour donner pleine satisfaction aux réclamations de M. Dareste, je déclare ici publiquement que les Insectes de la collection Macquart placés naguère sous les gradins du grand amphithéâtre, étant fixés par de solides épingles, n'ont pu s'évanouir à la vue de M. Dareste, ou prendre la fuite en entendant les savantes leçons de l'éminent tératologiste, moins favorisés en cela que les auditeurs qui s'aventuraient parfois au-dessus des mêmes gradins.

J'ajouterai que si une collection d'insectes piqués sur des épingles inégales, sans symétrie, avec des étiquettes couvertes d'une grosse écriture peut paraître en mauvais état à des amateurs ou à des empailleurs naturalistes, tout autre sera à cet égard le jugement des savants entomologistes et des zoologistes qui ne se préoccupent pas seulement du coup d'œil.

Enfin ce qu'il y a de plus curieux c'est que cette collection que M. Dareste déclare avoir été perdue sans ressource, dès avant sa cession au Musée, existe encore en partie. Les cadres que nous avons pu sauver en 1873 sont restés presque intacts depuis cette époque.

Il y a deux ans le savant Diptériste russe C.-B. Osten-Sacken venait à Lille uniquement pour consulter la collection Macquart. Il lui a été possible grâce à notre sauvetage de résoudre quelques questions qui l'intéressaient, notamment celle de la synonymie de Ptilogyna fuliginosa (1).

Voilà qui doit bien étonner M. Dareste et calmer un peu cette indignation si promptement à éclater.

Postquam longa decem tulerunt fastidia menses!

A. Giard.

(1) M. C. R. Osten-Sacken a bien voulu garder le souvenir de sa visite à Lille et nous témoigner ses remerciements dans son Catalogue of the described Diptera of North America. (Seconde édition). Préface p. XXIII."

"We received from M. C. Dareste, director of a course at the Practical School of Higher Studies and formerly professor at the Faculty of Sciences at Lille, a copy of the following letter which we are pleased to publish:

To the Mayor

The annual report on the Natural History Museum of Lille (1818–1879), a report published in no. 4 of the *Bulletin scientifique du département du Nord et des pays voisins*, contains the following sentences:

"The invaluable collection of Diptera bequeathed recently by Mr Macquart was completely lost during the administration of our predecessors, Messrs Lacaze-Duthiers et Dareste. This need not have been inevitable."

"A Museum of Natural History requires unceasing vigilance, which cannot be provided by professors of the faculty, etc."

According to the author of the report, the loss of the Macquart collection is therefore due to a lack of vigilance on the part of the two professors of the faculty who were charged with the administration of the Museum.

I protest against such an allegation.

When I was charged with the administration of the Lille Museum, I gave the two technicians at the Museum, Semet and H. Marin, everything that was necessary for the maintenance and conservation of the Macquart collection and also of all the other collections. If these steps have been useless, then it is because the Macquart collection had already deteriorated to such an extent before its acquisition by the Museum that its destruction was inevitable.

In support of this, I am here bringing forward the testimony of Mr de Norguet, a member of the administrative commission of the Museum, who was related to Macquart and who knew precisely the state of the collection before it was bequeathed to the city. Here is the copy of a letter on this matter which he was kind enough to write to me:

Paris, 15 May 1879

Dear Sir,

I have been away from Lille for some time and have not read the article in the *Bulletin scientifique* where the Macquart collection is discussed; but I cannot believe that the intention was to accuse you of having allowed its loss; for it is certain that the collection arrived at the Lille Museum in a state of deterioration that rendered inevitable its eventual destruction. I myself have seen it when it was still with Macquart, and I have it from Semet, technician at the Museum, after the death of Macquart, that he did not think it was possible to save it.

I do not therefore believe that it is possible to blame anyone for its loss.

Please accept, dear sir, my best regards,

A.DE NORGUET

This letter dispels all doubts; it completely refutes the allegation contained in the report.

I have the honor of requesting you, M. the Mayor, to bring this protestation to the attention of the Museum's administrative commission and to arrange for its insertion into the register of its proceedings. I remain, sir, your very humble and obedient servant,

CAMILLE DARESTE

Having taken charge about a year ago of the zoological collections of the Museum of Natural History in Lille, I thought it

necessary to present a special report on the state of the collections and on what was required for the organization of this department. Through the statements I wanted to establish my responsibility for the past and for the future. For this reason, whilst recording the deplorable state into which the important collection of Diptera bequeathed by Macquart had fallen, I stated that the reason for this almost total loss was the lack of a special conservator for our entomological gallery, and I traced the bad condition of this valuable collection back to the era when the administration of the Museum was in the hands either of Mr Lacaze Duthiers or of Mr Dareste. It was in 1873 that I assisted with the exhumation by Mr Gosselet of several boxes still containing Diptera that had been relegated beneath the tiers of an amphitheater, protected from the light but not from dust or from the insects that attack collections.

I was far from accusing anyone of doing this; also far from predicting a similar fate for the ornithological collection of Dagland, unless it was decided not to increase a staff that had become insufficient for the increase in our holdings.

The present conservators are rarely absent from Lille, and one does not see them wandering the streets of the capital on the lookout for all the applications that may arise among such a variety of establishments.

But nevertheless the collections are deteriorating little by little, despite continuing efforts.

It is therefore not without great surprise that we have read the letter that Mr Dareste has written (and after a long period of reflection!) dealing with this passage in our report, which he has taken as a personal attack.

To give full satisfaction to the objections of Mr Dareste, I here declare publicly *that the insects of the Macquart collection, placed not so long ago under the tiers of the great amphitheater, being transfixed by solid pins, could not simply disappear from the sight of Mr Dareste, or take flight whilst listening to the erudite lectures of the eminent teratologist, being less capable of doing this than the audiences who sometimes dared to sit above these same tiers.*

I should add that if a collection of insects mounted on pins of different lengths, without symmetry, with labels covered with a large handwriting, appears to the eyes of *amateurs* or of *naturalist taxidermists* to be in bad condition, the judgment of learned entomologists and zoologists who do more than just glance into the boxes would be completely different.

Finally, what is more curious is the fact that this collection, which Mr Dareste states to have been lost beyond retrieval before its acquisition by the Museum, does still exist in part. The boxes which we were able to rescue in 1873 have remained almost intact since that date.

Two years ago the erudite Russian dipterist C.-B. Osten-Sacken visited Lille solely to consult the Macquart collection. Thanks to what we had rescued, he was able to resolve a number of questions that interested him, notably that concerning the synonymy of *Ptilogyna fuliginosa* (1).

This will certainly surprise Mr Dareste and will calm a little his indignation which has appeared so *promptly*.

Postquam longa decem tulerunt fastidia menses!

A. Giard

Mr C. R. Osten-Sacken was happy to remember his visit to Lille and to express his gratitude to us in his Catalogue of the described Diptera of North America (second edition), Preface p. XXIII."